



**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



March 22, 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. Any imported fill will be stockpiled, and best management practices will be implemented to prevent erosion of the stockpiled materials including berms and silt fences.

According to an obtained NYSDEC Request to Import/Reuse Fill or Soil form signed/dated January 20, 2015, the material now stockpiled at the One Dutchess Site originated from a Marist College excavation project and was imported to the One Dutchess Site, formerly known as the AC Dutton Greenway North Town Site. The January 2015 request was for 20,000 cubic yards of material meeting the intended site use, restricted residential soil cleanup objectives (RRSCOs), as defined by 6 NYCRR Part 375. According to the NYSDEC Remediation Database, the AC Dutton Greenway North Town Site is a remediated NYSDEC BCP site receiving its Certificate of Completion on December 28, 2016.

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

1.0 FIELD ACTIVITIES

PVE personnel inspected the stockpiled fill, located in the eastern portion of the site, on March 16, 2021. The total volume of material proposed for reuse is estimated by others to be approximately 5,000 cubic yards. The

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



stockpile measures approximately 140-feet from north to south, 57-feet from west to east and 17-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 fifteen (15) grab and six (6) 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 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

One (1) VOC was detected in thirteen (13) of the fifteen (15) 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 six (6) composite soil samples collected. No SVOCs were detected at concentrations exceeding the lower of UUSCOs and PGW.

2.1.3 Metals

Multiple metals were detected in each of the six (6) composite soil samples collected. One (1) metal was detected in one (1) of the six (6) composite soil samples at concentrations exceeding PGW. Exceedances are listed below.

- OK WC Comp 6 20210316
 - Chromium, Total (20.8 mg/kg)

2.1.4 PCBs, Pesticides and Herbicides

No PCBs, pesticides and herbicides were detected in any of the six (6) composite soil samples collected.



2.1.5 Emerging Contaminants

No PFAS compounds were detected in any of the six (6) composite soil samples collected.

3.0 CONCLUSIONS

1. A total of fifteen (15) grab samples and 6 (six) composite soil samples were collected from the 5,000-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. No contaminants were detected in any of the soil samples collected at concentrations that would prevent the site from achieving a Track 4 Restricted Residential remedy.

Based on the information provided herein, 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 'Christopher B. Brown'.

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

FIGURES

LEGEND

- APPROXIMATE SOIL PILE OUTLINE
- SOIL SAMPLE



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: 03/16/2021

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 RSCOs per 6 NYCRR Part 375
 Collected from: One Dutchess Site - Dutchess Landing Road, City of Poughkeepsie, NY
 PVE File #560909

Method	Analyte	CAS RN	PGW	RSCOs	Unit	Date Sampled Location Sample ID			3/16/2021 OK WC GRAB 1 WC Grab 1 20210316			3/16/2021 OK WC GRAB 2 WC Grab 2 20210316			3/16/2021 OK WC GRAB 3 WC Grab 3 20210316			3/16/2021 OK WC GRAB 4 WC Grab 4 20210316			3/16/2021 OK WC GRAB 5 WC Grab 5 20210316			3/16/2021 OK WC GRAB 6 WC Grab 6 20210316			3/16/2021 OK WC GRAB 7 WC Grab 7 20210316			3/16/2021 OK WC GRAB 8 WC Grab 8 20210316		
						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
SW8260	1,1,1-Trichloroethane (TCA)	71-55-6	0.68	100	mg/kg	ND< 0.0033	mg/kg	U	ND< 0.0027	mg/kg	U	ND< 0.0026	mg/kg	U	ND< 0.0025	mg/kg	U	ND< 0.0026	mg/kg	U	ND< 0.0027	mg/kg	U	ND< 0.0024	mg/kg	U	ND< 0.0029	mg/kg	U	ND< 0.0029	mg/kg	U
SW8260	1,1-Dichloroethane	75-34-3	0.27	26	mg/kg	ND< 0.0033	mg/kg	U	ND< 0.0027	mg/kg	U	ND< 0.0026	mg/kg	U	ND< 0.0025	mg/kg	U	ND< 0.0026	mg/kg	U	ND< 0.0027	mg/kg	U	ND< 0.0024	mg/kg	U	ND< 0.0029	mg/kg	U	ND< 0.0029	mg/kg	U
SW8260	1,1-Dichloroethene	75-35-4	0.33	100	mg/kg	ND< 0.0033	mg/kg	U	ND< 0.0027	mg/kg	U	ND< 0.0026	mg/kg	U	ND< 0.0025	mg/kg	U	ND< 0.0026	mg/kg	U	ND< 0.0027	mg/kg	U	ND< 0.0024	mg/kg	U	ND< 0.0029	mg/kg	U	ND< 0.0029	mg/kg	U
SW8260	1,2,4-Trimethylbenzene	95-63-6	3.6	52	mg/kg	ND< 0.0033	mg/kg	U	ND< 0.0027	mg/kg	U	ND< 0.0026	mg/kg	U	ND< 0.0025	mg/kg	U	ND< 0.0026	mg/kg	U	ND< 0.0027	mg/kg	U	ND< 0.0024	mg/kg	U	ND< 0.0029	mg/kg	U	ND< 0.0029	mg/kg	U
SW8260	1,2-Dichlorobenzene	95-50-1	1.1	100	mg/kg	ND< 0.0033	mg/kg	U	ND< 0.0027	mg/kg	U	ND< 0.0026	mg/kg	U	ND< 0.0025	mg/kg	U	ND< 0.0026	mg/kg	U	ND< 0.0027	mg/kg	U	ND< 0.0024	mg/kg	U	ND< 0.0029	mg/kg	U	ND< 0.0029	mg/kg	U
SW8260	1,2-Dichloroethane	107-06-2	0.02	3.1	mg/kg	ND< 0.0033	mg/kg	U	ND< 0.0027	mg/kg	U	ND< 0.0026	mg/kg	U	ND< 0.0025	mg/kg	U	ND< 0.0026	mg/kg	U	ND< 0.0027	mg/kg	U	ND< 0.0024	mg/kg	U	ND< 0.0029	mg/kg	U	ND< 0.0029	mg/kg	U
SW8260	1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	8.4	52	mg/kg	ND< 0.0033	mg/kg	U	ND< 0.0027	mg/kg	U	ND< 0.0026	mg/kg	U	ND< 0.0025	mg/kg	U	ND< 0.0026	mg/kg	U	ND< 0.0027	mg/kg	U	ND< 0.0024	mg/kg	U	ND< 0.0029	mg/kg	U	ND< 0.0029	mg/kg	U
SW8260	1,3-Dichlorobenzene	541-72-1	2.4	49	mg/kg	ND< 0.0033	mg/kg	U	ND< 0.0027	mg/kg	U	ND< 0.0026	mg/kg	U	ND< 0.0025	mg/kg	U	ND< 0.0026	mg/kg	U	ND< 0.0027	mg/kg	U	ND< 0.0024	mg/kg	U	ND< 0.0029	mg/kg	U	ND< 0.0029	mg/kg	U
SW8260	1,4-Dichlorobenzene	106-46-7	1.8	13	mg/kg	ND< 0.0033	mg/kg	U	ND< 0.0027	mg/kg	U	ND< 0.0026	mg/kg	U	ND< 0.0025	mg/kg	U	ND< 0.0026	mg/kg	U	ND< 0.0027	mg/kg	U	ND< 0.0024	mg/kg	U	ND< 0.0029	mg/kg	U	ND< 0.0029	mg/kg	U
SW8260	1,4-Dioxane (P-Dioxane)	123-91-1	0.1	13	mg/kg	ND< 0.066	mg/kg	U	ND< 0.055	mg/kg	U	ND< 0.052	mg/kg	U	ND< 0.049	mg/kg	U	ND< 0.053	mg/kg	U	ND< 0.054	mg/kg	U	ND< 0.047	mg/kg	U	ND< 0.058	mg/kg	U	ND< 0.058	mg/kg	U
SW8260	Acetone	67-64-1	0.05	100	mg/kg	ND< 0.0066	mg/kg	U	ND< 0.0055	mg/kg	U	ND< 0.0052	mg/kg	U	ND< 0.0049	mg/kg	U	ND< 0.0053	mg/kg	U	ND< 0.0054	mg/kg	U	ND< 0.0047	mg/kg	U	ND< 0.0058	mg/kg	U	ND< 0.0058	mg/kg	U
SW8260	Benzene	71-43-2	0.06	4.8	mg/kg	ND< 0.0033	mg/kg	U	ND< 0.0027	mg/kg	U	ND< 0.0026	mg/kg	U	ND< 0.0025	mg/kg	U	ND< 0.0026	mg/kg	U	ND< 0.0027	mg/kg	U	ND< 0.0024	mg/kg	U	ND< 0.0029	mg/kg	U	ND< 0.0029	mg/kg	U
SW8260	Carbon Tetrachloride	56-23-5	0.76	2.4	mg/kg	ND< 0.0033	mg/kg	U	ND< 0.0027	mg/kg	U	ND< 0.0026	mg/kg	U	ND< 0.0025	mg/kg	U	ND< 0.0026	mg/kg	U	ND< 0.0027	mg/kg	U	ND< 0.0024	mg/kg	U	ND< 0.0029	mg/kg	U	ND< 0.0029	mg/kg	U
SW8260	Chlorobenzene	108-90-7	1.1	100	mg/kg	ND< 0.0033	mg/kg	U	ND< 0.0027	mg/kg	U	ND< 0.0026	mg/kg	U	ND< 0.0025	mg/kg	U	ND< 0.0026	mg/kg	U	ND< 0.0027	mg/kg	U	ND< 0.0024	mg/kg	U	ND< 0.0029	mg/kg	U	ND< 0.0029	mg/kg	U
SW8260	Chloroform	67-66-3	0.37	49	mg/kg	ND< 0.0033	mg/kg	U	ND< 0.0027	mg/kg	U	ND< 0.0026	mg/kg	U	ND< 0.0025	mg/kg	U	ND< 0.0026	mg/kg	U	ND< 0.0027	mg/kg	U	ND< 0.0024	mg/kg	U	ND< 0.0029	mg/kg	U	ND< 0.0029	mg/kg	U
SW8260	Cis-1,2-Dichloroethylene	156-59-2	0.25	100	mg/kg	ND< 0.0033	mg/kg	U	ND< 0.0027	mg/kg	U	ND< 0.0026	mg/kg	U	ND< 0.0025	mg/kg	U	ND< 0.0026	mg/kg	U	ND< 0.0027	mg/kg	U	ND< 0.0024	mg/kg	U	ND< 0.0029	mg/kg	U	ND< 0.0029	mg/kg	U
SW8260	Ethylbenzene	100-41-4	1	41	mg/kg	ND< 0.0033	mg/kg	U	ND< 0.0027	mg/kg	U	ND< 0.0026	mg/kg	U	ND< 0.0025	mg/kg	U	ND< 0.0026	mg/kg	U	ND< 0.0027	mg/kg	U	ND< 0.0024	mg/kg	U	ND< 0.0029	mg/kg	U	ND< 0.0029	mg/kg	U
SW8260	Methyl Ethyl Ketone (2-Butanone)	78-93-3	0.12	100	mg/kg	ND< 0.0033	mg/kg	U	ND< 0.0027	mg/kg	U	ND< 0.0026	mg/kg	U	ND< 0.0025	mg/kg	U	ND< 0.0026	mg/kg	U	ND< 0.0027	mg/kg	U	ND< 0.0024	mg/kg	U	ND< 0.0029	mg/kg	U	ND< 0.0029	mg/kg	U
SW8260	Methylene Chloride	75-09-2	0.05	100	mg/kg	0.013	mg/kg	U	0.019	mg/kg	U	0.011	mg/kg	U	0.011	mg/kg	U	0.014	mg/kg	U	ND< 0.0054	mg/kg	U	0.013	mg/kg	U	0.018	mg/kg	U	0.018	mg/kg	U
SW8260	M-P-Xylene	136777-61-2	1.6	100	mg/kg	ND< 0.0066	mg/kg	U	ND< 0.0055	mg/kg	U	ND< 0.0052	mg/kg	U	ND< 0.0049	mg/kg	U	ND< 0.0053	mg/kg	U	ND< 0.0054	mg/kg	U	ND< 0.0047	mg/kg	U	ND< 0.0058	mg/kg	U	ND< 0.0058	mg/kg	U
SW8260	Naphthalene	91-20-3	12	100	mg/kg	ND< 0.0033	mg/kg	U	ND< 0.0027	mg/kg	U	ND< 0.0026	mg/kg	U	ND< 0.0025	mg/kg	U	ND< 0.0026	mg/kg	U	ND< 0.0027	mg/kg	U	ND< 0.0024	mg/kg	U	ND< 0.0029	mg/kg	U	ND< 0.0029	mg/kg	U
SW8260	N-Butylbenzene	104-51-8	12	100	mg/kg	ND< 0.0033	mg/kg	U	ND< 0.0027	mg/kg	U	ND< 0.0026	mg/kg	U	ND< 0.0025	mg/kg	U	ND< 0.0026	mg/kg	U	ND< 0.0027	mg/kg	U	ND< 0.0024	mg/kg	U	ND< 0.0029	mg/kg	U	ND< 0.0029	mg/kg	U
SW8260	N-Propylbenzene	103-65-1	3.9	100	mg/kg	ND< 0.0033	mg/kg	U	ND< 0.0027	mg/kg	U	ND< 0.0026	mg/kg	U	ND< 0.0025	mg/kg	U	ND< 0.0026	mg/kg	U	ND< 0.0027	mg/kg	U	ND< 0.0024	mg/kg	U	ND< 0.0029	mg/kg	U	ND< 0.0029	mg/kg	U
SW8260	O-Xylene (1,2-Dimethylbenzene)	95-47-6	1.6	100	mg/kg	ND< 0.0033	mg/kg	U	ND< 0.0027	mg/kg	U	ND< 0.0026	mg/kg	U	ND< 0.0025	mg/kg	U	ND< 0.0026	mg/kg	U	ND< 0.0027	mg/kg	U	ND< 0.0024	mg/kg	U	ND< 0.0029	mg/kg	U	ND< 0.0029	mg/kg	U
SW8260	Sec-Butylbenzene	135-98-8	11	100	mg/kg	ND< 0.0033	mg/kg	U	ND< 0.0027	mg/kg	U	ND< 0.0026	mg/kg	U	ND< 0.0025	mg/kg	U	ND< 0.0026	mg/kg	U	ND< 0.0027	mg/kg	U	ND< 0.0024	mg/kg	U	ND< 0.0029	mg/kg	U	ND< 0.0029	mg/kg	U
SW8260	T-Butylbenzene	98-06-6	5.9	100	mg/kg	ND< 0.0033	mg/kg	U	ND< 0.0027	mg/kg	U	ND< 0.0026	mg/kg	U	ND< 0.0025	mg/kg	U	ND< 0.0026	mg/kg	U	ND< 0.0027	mg/kg	U	ND< 0.0024	mg/kg	U	ND< 0.0029	mg/kg	U	ND< 0.0029	mg/kg	U
SW8260	Tert-Butyl Methyl Ether	1634-04-4	0.93	100	mg/kg	ND< 0.0033	mg/kg	U	ND< 0.0027	mg/kg	U	ND< 0.0026	mg/kg	U	ND< 0.0025	mg/kg	U	ND< 0.0026	mg/kg	U	ND< 0.0027	mg/kg	U	ND< 0.0024	mg/kg	U	ND< 0.0029	mg/kg	U	ND< 0.0029	mg/kg	U
SW8260	Tetrachloroethylene (PCE)	127-18-4	1.3	19	mg/kg	ND< 0.0033	mg/kg	U	ND< 0.0027	mg/kg	U	ND< 0.0026	mg/kg	U	ND< 0.0025	mg/kg	U	ND< 0.0026	mg/kg	U	ND< 0.0027	mg/kg	U	ND< 0.0024	mg/kg	U	ND< 0.0029	mg/kg	U	ND< 0.0029	mg/kg	U
SW8260	Toluene	108-88-3	0.7	100	mg/kg	ND< 0.0033	mg/kg	U	ND< 0.0027	mg/kg	U	ND< 0.0026	mg/kg	U	ND< 0.0025	mg/kg	U	ND< 0.0026	mg/kg	U	ND< 0.0027	mg/kg	U	ND< 0.0024	mg/kg	U	ND< 0.0029	mg/kg	U	ND< 0.0029	mg/kg	U
SW8260	Trans-1,2-Dichloroethene	156-60-5	0.19	100	mg/kg	ND< 0.0033	mg/kg	U	ND< 0.0027	mg/kg	U	ND< 0.0026	mg/kg	U	ND< 0.0025	mg/kg	U	ND< 0.0026	mg/kg	U	ND< 0.0027	mg/kg	U	ND< 0.0024	mg/kg	U	ND< 0.0029	mg/kg	U	ND< 0.0029	mg/kg	U
SW8260	Trichloroethylene (TCE)	79-01-6	0.47	21	mg/kg	ND< 0.0033	mg/kg	U	ND< 0.0027	mg/kg	U	ND< 0.0026	mg/kg	U	ND< 0.0025	mg/kg	U	ND< 0.0026	mg/kg	U	ND< 0.0027	mg/kg	U	ND< 0.0024	mg/kg	U	ND< 0.0029	mg/kg	U	ND< 0.0029	mg/kg	U
SW8260	Vinyl Chloride	75-01-4	0.02	0.9	mg/kg	ND< 0.0033	mg/kg	U	ND< 0.0027	mg/kg	U	ND< 0.0026	mg/kg	U	ND< 0.0025	mg/kg	U	ND< 0.0026	mg/kg	U	ND< 0.0027	mg/kg	U	ND< 0.0024	mg/kg	U	ND< 0.0029	mg/kg	U	ND< 0.0029	mg/kg	U
SW8260	Xylenes, Total	XYLENES	1.6	100	mg/kg	ND< 0.0099	mg/kg	U	ND< 0.0082	mg/kg	U	ND< 0.0078	mg/kg	U	ND< 0.0074	mg/kg	U	ND< 0.0079	mg/kg	U	ND< 0.0080	mg/kg	U	ND< 0.0071	mg/kg	U	ND< 0.0087	mg/kg	U	ND< 0.0087	mg/kg	U

Notes:
 Standards are for respective Soil Cleanup Objectives per 6 NYCRR Part 375
 Protection of Groundwater (PGW) and Restricted Residential Soil Cleanup Objectives (RSCOs);
 Yellow shading designates those compounds detected at concentrations exceeding PGW;
 Orange shading designates those compounds detected at concentrations exceeding RSCOs;
 J = Result estimated between the quantitation limit and half the quantitation limit;
 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 RSCOs per 6 NYCRR Part 375
 Collected from: One Dutchess Site - Dutchess Landing Road, City of Poughkeepsie, NY
 PVE File #560909

Method	Analyte	CAS RN	PGW	RSCOs	Date Sampled		Location		Sample ID		3/16/2021		3/16/2021		3/16/2021		3/16/2021		3/16/2021		3/16/2021		3/16/2021		3/16/2021		3/16/2021		3/16/2021		3/16/2021	
					OK WC GRAB 9		OK WC GRAB 10		OK WC GRAB 11		OK WC GRAB 12		OK WC GRAB 13		OK WC GRAB 14		OK WC GRAB 15		OK WC GRAB 16		OK WC GRAB 17		OK WC GRAB 18		OK WC GRAB 19		OK WC GRAB 20		OK WC GRAB 21		OK WC GRAB 22	
					WC Grab 9 20210316	Unit	WC Grab 10 20210316	Unit	WC Grab 11 20210316	Unit	WC Grab 12 20210316	Unit	WC Grab 13 20210316	Unit	WC Grab 14 20210316	Unit	WC Grab 15 20210316	Unit	WC Grab 16 20210316	Unit	WC Grab 17 20210316	Unit	WC Grab 18 20210316	Unit	WC Grab 19 20210316	Unit	WC Grab 20 20210316	Unit	WC Grab 21 20210316	Unit	WC Grab 22 20210316	Unit
SW8260	1,1,1-Trichloroethane (TCA)	71-55-6	0.68	100	mg/kg	ND < 0.0028	mg/kg	U	ND < 0.0026	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0023	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0025	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0027	mg/kg	U
SW8260	1,1-Dichloroethane	75-34-3	0.27	26	mg/kg	ND < 0.0028	mg/kg	U	ND < 0.0026	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0023	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0025	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0027	mg/kg	U
SW8260	1,1-Dichloroethene	75-35-4	0.33	100	mg/kg	ND < 0.0028	mg/kg	U	ND < 0.0026	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0023	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0025	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0027	mg/kg	U
SW8260	1,2,4-Trimethylbenzene	95-63-6	3.6	52	mg/kg	ND < 0.0028	mg/kg	U	ND < 0.0026	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0023	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0025	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0027	mg/kg	U
SW8260	1,2-Dichlorobenzene	95-50-1	1.1	100	mg/kg	ND < 0.0028	mg/kg	U	ND < 0.0026	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0023	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0025	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0027	mg/kg	U
SW8260	1,2-Dichloroethane	107-06-2	0.02	3.1	mg/kg	ND < 0.0028	mg/kg	U	ND < 0.0026	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0023	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0025	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0027	mg/kg	U
SW8260	1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	8.4	52	mg/kg	ND < 0.0028	mg/kg	U	ND < 0.0026	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0023	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0025	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0027	mg/kg	U
SW8260	1,3-Dichlorobenzene	541-72-1	2.4	49	mg/kg	ND < 0.0028	mg/kg	U	ND < 0.0026	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0023	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0025	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0027	mg/kg	U
SW8260	1,4-Dichlorobenzene	106-46-7	1.8	13	mg/kg	ND < 0.0028	mg/kg	U	ND < 0.0026	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0023	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0025	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0027	mg/kg	U
SW8260	1,4-Dioxane (P-Dioxane)	123-91-1	0.1	13	mg/kg	ND < 0.055	mg/kg	U	ND < 0.051	mg/kg	U	ND < 0.055	mg/kg	U	ND < 0.047	mg/kg	U	ND < 0.054	mg/kg	U	ND < 0.049	mg/kg	U	ND < 0.054	mg/kg	U	ND < 0.054	mg/kg	U	ND < 0.054	mg/kg	U
SW8260	Acetone	67-64-1	0.05	100	mg/kg	ND < 0.0055	mg/kg	U	ND < 0.0051	mg/kg	U	ND < 0.0055	mg/kg	U	ND < 0.0047	mg/kg	U	ND < 0.0054	mg/kg	U	ND < 0.0049	mg/kg	U	ND < 0.0054	mg/kg	U	ND < 0.0054	mg/kg	U	ND < 0.0054	mg/kg	U
SW8260	Benzene	71-43-2	0.06	4.8	mg/kg	ND < 0.0028	mg/kg	U	ND < 0.0026	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0023	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0025	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0027	mg/kg	U
SW8260	Carbon Tetrachloride	56-23-5	0.76	2.4	mg/kg	ND < 0.0028	mg/kg	U	ND < 0.0026	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0023	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0025	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0027	mg/kg	U
SW8260	Chlorobenzene	108-90-7	1.1	100	mg/kg	ND < 0.0028	mg/kg	U	ND < 0.0026	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0023	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0025	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0027	mg/kg	U
SW8260	Chloroform	67-66-3	0.37	49	mg/kg	ND < 0.0028	mg/kg	U	ND < 0.0026	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0023	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0025	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0027	mg/kg	U
SW8260	Cis-1,2-Dichloroethylene	156-59-2	0.25	100	mg/kg	ND < 0.0028	mg/kg	U	ND < 0.0026	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0023	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0025	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0027	mg/kg	U
SW8260	Ethylbenzene	100-41-4	1	41	mg/kg	ND < 0.0028	mg/kg	U	ND < 0.0026	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0023	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0025	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0027	mg/kg	U
SW8260	Methyl Ethyl Ketone (2-Butanone)	78-93-3	0.12	100	mg/kg	ND < 0.0028	mg/kg	U	ND < 0.0026	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0023	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0025	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0027	mg/kg	U
SW8260	Methylene Chloride	75-09-2	0.05	100	mg/kg	0.011	mg/kg	U	0.01	mg/kg	U	0.0098	mg/kg	J	ND < 0.0047	mg/kg	U	0.01	mg/kg	J	0.016	mg/kg	U	0.0097	mg/kg	J	0.0097	mg/kg	J	0.0097	mg/kg	J
SW8260	M-P-Xylene	136777-61-2	1.6	100	mg/kg	ND < 0.0055	mg/kg	U	ND < 0.0051	mg/kg	U	ND < 0.0055	mg/kg	U	ND < 0.0047	mg/kg	U	ND < 0.0054	mg/kg	U	ND < 0.0049	mg/kg	U	ND < 0.0054	mg/kg	U	ND < 0.0054	mg/kg	U	ND < 0.0054	mg/kg	U
SW8260	Naphthalene	91-20-3	12	100	mg/kg	ND < 0.0028	mg/kg	U	ND < 0.0026	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0023	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0025	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0027	mg/kg	U
SW8260	N-Butylbenzene	104-51-8	12	100	mg/kg	ND < 0.0028	mg/kg	U	ND < 0.0026	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0023	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0025	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0027	mg/kg	U
SW8260	N-Propylbenzene	103-65-1	3.9	100	mg/kg	ND < 0.0028	mg/kg	U	ND < 0.0026	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0023	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0025	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0027	mg/kg	U
SW8260	O-Xylene (1,2-Dimethylbenzene)	95-47-6	1.6	100	mg/kg	ND < 0.0028	mg/kg	U	ND < 0.0026	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0023	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0025	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0027	mg/kg	U
SW8260	Sec-Butylbenzene	135-98-8	11	100	mg/kg	ND < 0.0028	mg/kg	U	ND < 0.0026	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0023	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0025	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0027	mg/kg	U
SW8260	T-Butylbenzene	98-06-6	5.9	100	mg/kg	ND < 0.0028	mg/kg	U	ND < 0.0026	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0023	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0025	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0027	mg/kg	U
SW8260	Tert-Butyl Methyl Ether	1634-04-4	0.93	100	mg/kg	ND < 0.0028	mg/kg	U	ND < 0.0026	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0023	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0025	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0027	mg/kg	U
SW8260	Tetrachloroethylene (PCE)	127-18-4	1.3	19	mg/kg	ND < 0.0028	mg/kg	U	ND < 0.0026	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0023	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0025	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0027	mg/kg	U
SW8260	Toluene	108-88-3	0.7	100	mg/kg	ND < 0.0028	mg/kg	U	ND < 0.0026	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0023	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0025	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0027	mg/kg	U
SW8260	Trans-1,2-Dichloroethene	156-60-5	0.19	100	mg/kg	ND < 0.0028	mg/kg	U	ND < 0.0026	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0023	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0025	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0027	mg/kg	U
SW8260	Trichloroethylene (TCE)	79-01-6	0.47	21	mg/kg	ND < 0.0028	mg/kg	U	ND < 0.0026	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0023	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0025	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0027	mg/kg	U
SW8260	Vinyl Chloride	75-01-4	0.02	0.9	mg/kg	ND < 0.0028	mg/kg	U	ND < 0.0026	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0023	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0025	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0027	mg/kg	U	ND < 0.0027	mg/kg	U
SW8260	Xylenes, Total	XYLENES	1.6	100	mg/kg	ND < 0.0083	mg/kg	U	ND < 0.0077	mg/kg	U	ND < 0.0082	mg/kg	U	ND < 0.0070	mg/kg	U	ND < 0.0081	mg/kg	U	ND < 0.0074	mg/kg	U	ND < 0.0082	mg/kg	U	ND < 0.0082	mg/kg	U	ND < 0.0082	mg/kg	U

Notes:
 Standards are for respective Soil Cleanup Objectives per 6 NYCRR Part 375
 Protection of Groundwater (PGW) and Restricted Residential Soil Cleanup Objectives (RSCOs);
 Yellow shading designates those compounds detected at concentrations exceeding PGW;
 Orange shading designates those compounds detected at concentrations exceeding RSCOs;
 J = Result estimated between the quantitation limit and half the quantitation limit;
 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 RSCos per 6 NYCRR Part 375
 Collected from: One Dutchesse Site - Dutchesse Landing Road, City of Poughkeepsie, NY
 PVE File #560909

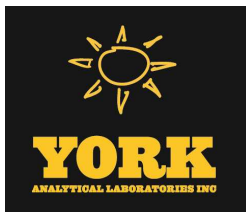
Method	Analyte	CAS RN	PGW	RRSCos	Date Sampled		Location		3/16/2021		3/16/2021		3/16/2021		3/16/2021		3/16/2021		3/16/2021		3/16/2021			
					Sample ID	Unit	OK WC COMP 1		OK WC COMP 2		OK WC COMP 3		OK WC COMP 4		OK WC COMP 5		OK WC COMP 6							
							WC Comp 1	20210316	WC Comp 2	20210316	WC Comp 3	20210316	WC Comp 4	20210316	WC Comp 5	20210316	WC Comp 6	20210316						
Result	Result	Unit	Result	Unit	Result	Unit	Result	Unit	Result	Unit	Result	Unit	Result	Unit	Result	Unit	Result	Unit	Result	Unit	Result	Unit		
CALC	Chromium III	16065-83-1	NE	180	mg/kg	17.3	mg/kg	U	ND	< 0.53	mg/kg	U	ND	< 0.53	mg/kg	U	ND	< 0.53	mg/kg	U	ND	< 0.53	mg/kg	
SW9014	Cyanide	57-12-5	40	27	mg/kg	ND	< 0.54	mg/kg	U	ND	< 0.53	mg/kg	U	ND	< 0.54	mg/kg	U	ND	< 0.53	mg/kg	U	ND	< 0.56	mg/kg
SW6010	Arsenic	7440-38-2	16	16	mg/kg	5.64	mg/kg	U	ND	< 0.53	mg/kg	U	ND	< 0.53	mg/kg	U	ND	< 0.53	mg/kg	U	ND	< 0.53	mg/kg	
SW6010	Barium	7440-39-3	820	400	mg/kg	76.4	mg/kg	U	ND	< 0.53	mg/kg	U	ND	< 0.53	mg/kg	U	ND	< 0.53	mg/kg	U	ND	< 0.53	mg/kg	
SW6010	Beryllium	7440-41-7	47	72	mg/kg	0.088	mg/kg	U	ND	< 0.53	mg/kg	U	ND	< 0.53	mg/kg	U	ND	< 0.53	mg/kg	U	ND	< 0.53	mg/kg	
SW6010	Cadmium	7440-43-9	7.5	4.3	mg/kg	0.363	mg/kg	U	ND	< 0.53	mg/kg	U	ND	< 0.53	mg/kg	U	ND	< 0.53	mg/kg	U	ND	< 0.53	mg/kg	
SW6010	Chromium, Total	7440-47-3	19	290	mg/kg	17.3	mg/kg	U	ND	< 0.53	mg/kg	U	ND	< 0.53	mg/kg	U	ND	< 0.53	mg/kg	U	ND	< 0.53	mg/kg	
SW6010	Copper	7440-50-8	1720	270	mg/kg	32.1	mg/kg	U	ND	< 0.53	mg/kg	U	ND	< 0.53	mg/kg	U	ND	< 0.53	mg/kg	U	ND	< 0.53	mg/kg	
SW6010	Lead	7439-92-1	450	400	mg/kg	33.9	mg/kg	U	ND	< 0.53	mg/kg	U	ND	< 0.53	mg/kg	U	ND	< 0.53	mg/kg	U	ND	< 0.53	mg/kg	
SW6010	Manganese	7439-96-5	2000	2000	mg/kg	561	mg/kg	U	ND	< 0.53	mg/kg	U	ND	< 0.53	mg/kg	U	ND	< 0.53	mg/kg	U	ND	< 0.53	mg/kg	
SW6010	Nickel	7440-02-0	130	310	mg/kg	24.7	mg/kg	U	ND	< 0.53	mg/kg	U	ND	< 0.53	mg/kg	U	ND	< 0.53	mg/kg	U	ND	< 0.53	mg/kg	
SW6010	Selenium	7782-49-2	4	180	mg/kg	ND	< 2.67	mg/kg	U	ND	< 0.53	mg/kg	U	ND	< 0.53	mg/kg	U	ND	< 0.53	mg/kg	U	ND	< 0.53	mg/kg
SW6010	Silver	7440-22-4	8.3	180	mg/kg	ND	< 0.54	mg/kg	U	ND	< 0.53	mg/kg	U	ND	< 0.53	mg/kg	U	ND	< 0.53	mg/kg	U	ND	< 0.53	mg/kg
SW6010	Zinc	7440-66-6	2480	10000	mg/kg	82.0	mg/kg	U	ND	< 0.53	mg/kg	U	ND	< 0.53	mg/kg	U	ND	< 0.53	mg/kg	U	ND	< 0.53	mg/kg	
SW7196	Chromium, Hexavalent	18540-29-9	19	110	mg/kg	ND	< 0.54	mg/kg	U	ND	< 0.53	mg/kg	U	ND	< 0.54	mg/kg	U	ND	< 0.53	mg/kg	U	ND	< 0.56	mg/kg
SW7473	Mercury	7439-97-6	0.73	0.81	mg/kg	0.0883	mg/kg	U	ND	< 0.0654	mg/kg	U	ND	< 0.0739	mg/kg	U	ND	< 0.0696	mg/kg	U	ND	< 0.0666	mg/kg	
SW8081	Alphal BHC (Alpha Hexachlorocyclohexane)	309-00-2	0.09	0.097	mg/kg	ND	< 0.0176	mg/kg	U	ND	< 0.0173	mg/kg	U	ND	< 0.0177	mg/kg	U	ND	< 0.0175	mg/kg	U	ND	< 0.0183	mg/kg
SW8081	Alphal BHC (Alpha Hexachlorocyclohexane)	319-84-6	0.12	0.48	mg/kg	ND	< 0.0176	mg/kg	U	ND	< 0.0173	mg/kg	U	ND	< 0.0177	mg/kg	U	ND	< 0.0175	mg/kg	U	ND	< 0.0183	mg/kg
SW8081	Alphal BHC (Alpha Hexachlorocyclohexane)	959-98-8	0.02	24	mg/kg	ND	< 0.0176	mg/kg	U	ND	< 0.0173	mg/kg	U	ND	< 0.0177	mg/kg	U	ND	< 0.0175	mg/kg	U	ND	< 0.0183	mg/kg
SW8081	Beta BHC (Beta Hexachlorocyclohexane)	319-85-7	0.09	0.36	mg/kg	ND	< 0.0176	mg/kg	U	ND	< 0.0173	mg/kg	U	ND	< 0.0177	mg/kg	U	ND	< 0.0175	mg/kg	U	ND	< 0.0183	mg/kg
SW8081	Beta BHC (Beta Hexachlorocyclohexane)	33213-65-9	102	24	mg/kg	ND	< 0.0176	mg/kg	U	ND	< 0.0173	mg/kg	U	ND	< 0.0177	mg/kg	U	ND	< 0.0175	mg/kg	U	ND	< 0.0183	mg/kg
SW8081	cis-Chlordane	5103-71-9	2.9	4.2	mg/kg	ND	< 0.0176	mg/kg	U	ND	< 0.0173	mg/kg	U	ND	< 0.0177	mg/kg	U	ND	< 0.0175	mg/kg	U	ND	< 0.0183	mg/kg
SW8081	Delta BHC (Delta Hexachlorocyclohexane)	319-86-8	0.25	100	mg/kg	ND	< 0.0176	mg/kg	U	ND	< 0.0173	mg/kg	U	ND	< 0.0177	mg/kg	U	ND	< 0.0175	mg/kg	U	ND	< 0.0183	mg/kg
SW8081	Dieldrin	60-57-1	0.1	0.2	mg/kg	ND	< 0.0176	mg/kg	U	ND	< 0.0173	mg/kg	U	ND	< 0.0177	mg/kg	U	ND	< 0.0175	mg/kg	U	ND	< 0.0183	mg/kg
SW8081	Endosulfan Sulfate	1031-07-8	1000	24	mg/kg	ND	< 0.0176	mg/kg	U	ND	< 0.0173	mg/kg	U	ND	< 0.0177	mg/kg	U	ND	< 0.0175	mg/kg	U	ND	< 0.0183	mg/kg
SW8081	Endrin	72-20-8	0.06	11	mg/kg	ND	< 0.0176	mg/kg	U	ND	< 0.0173	mg/kg	U	ND	< 0.0177	mg/kg	U	ND	< 0.0175	mg/kg	U	ND	< 0.0183	mg/kg
SW8081	Gamma BHC (Lindane)	58-99-9	0.1	1.3	mg/kg	ND	< 0.0176	mg/kg	U	ND	< 0.0173	mg/kg	U	ND	< 0.0177	mg/kg	U	ND	< 0.0175	mg/kg	U	ND	< 0.0183	mg/kg
SW8081	Heptachlor	76-44-8	0.38	2.1	mg/kg	ND	< 0.0176	mg/kg	U	ND	< 0.0173	mg/kg	U	ND	< 0.0177	mg/kg	U	ND	< 0.0175	mg/kg	U	ND	< 0.0183	mg/kg
SW8081	P,P-DDD	72-54-8	14	13	mg/kg	ND	< 0.0176	mg/kg	U	ND	< 0.0173	mg/kg	U	ND	< 0.0177	mg/kg	U	ND	< 0.0175	mg/kg	U	ND	< 0.0183	mg/kg
SW8081	P,P-DDD	72-55-9	14	13	mg/kg	ND	< 0.0176	mg/kg	U	ND	< 0.0173	mg/kg	U	ND	< 0.0177	mg/kg	U	ND	< 0.0175	mg/kg	U	ND	< 0.0183	mg/kg
SW8081	P,P-DDT	50-29-3	136	7.9	mg/kg	ND	< 0.0176	mg/kg	U	ND	< 0.0173	mg/kg	U	ND	< 0.0177	mg/kg	U	ND	< 0.0175	mg/kg	U	ND	< 0.0183	mg/kg
SW8082	PCB-1016 (Aroclor 1016)	12674-11-2	3.2	1	mg/kg	ND	< 0.020	mg/kg	U	ND	< 0.020	mg/kg	U	ND	< 0.020	mg/kg	U	ND	< 0.020	mg/kg	U	ND	< 0.020	mg/kg
SW8082	PCB-1221 (Aroclor 1221)	11104-28-2	3.2	1	mg/kg	ND	< 0.020	mg/kg	U	ND	< 0.020	mg/kg	U	ND	< 0.020	mg/kg	U	ND	< 0.020	mg/kg	U	ND	< 0.020	mg/kg
SW8082	PCB-1232 (Aroclor 1232)	11141-16-5	3.2	1	mg/kg	ND	< 0.020	mg/kg	U	ND	< 0.020	mg/kg	U	ND	< 0.020	mg/kg	U	ND	< 0.020	mg/kg	U	ND	< 0.020	mg/kg
SW8082	PCB-1242 (Aroclor 1242)	53469-21-9	3.2	1	mg/kg	ND	< 0.020	mg/kg	U	ND	< 0.020	mg/kg	U	ND	< 0.020	mg/kg	U	ND	< 0.020	mg/kg	U	ND	< 0.020	mg/kg
SW8082	PCB-1248 (Aroclor 1248)	12672-29-6	3.2	1	mg/kg	ND	< 0.020	mg/kg	U	ND	< 0.020	mg/kg	U	ND	< 0.020	mg/kg	U	ND	< 0.020	mg/kg	U	ND	< 0.020	mg/kg
SW8082	PCB-1254 (Aroclor 1254)	11097-69-1	3.2	1	mg/kg	ND	< 0.020	mg/kg	U	ND	< 0.020	mg/kg	U	ND	< 0.020	mg/kg	U	ND	< 0.020	mg/kg	U	ND	< 0.020	mg/kg
SW8082	PCB-1260 (Aroclor 1260)	11096-82-5	3.2	1	mg/kg	ND	< 0.020	mg/kg	U	ND	< 0.020	mg/kg	U	ND	< 0.020	mg/kg	U	ND	< 0.020	mg/kg	U	ND	< 0.020	mg/kg
SW8082	Polychlorinated Biphenyl (PCBs)	1336-36-3	3.2	1	mg/kg	ND	< 0.020	mg/kg	U	ND	< 0.020	mg/kg	U	ND	< 0.020	mg/kg	U	ND	< 0.020	mg/kg	U	ND	< 0.020	mg/kg
SW8151	Silvex (2,4,5-TP)	93-72-1	3.8	100	mg/kg	ND	< 0.0212	mg/kg	U	ND	< 0.021	mg/kg	U	ND	< 0.0211	mg/kg	U	ND	< 0.0211	mg/kg	U	ND	< 0.0207	mg/kg
SW8270	1,2,4,5-Tetrachlorobenzene	95-94-3	NE	NE	NE	ND	< 0.0886	mg/kg	U	ND	< 0.0877	mg/kg	U	ND	< 0.0893	mg/kg	U	ND	< 0.0884	mg/kg	U	ND	< 0.0878	mg/kg
SW8270	2,3,4,6-Tetrachlorophenol	58-90-2	NE	NE	NE	ND	< 0.0886	mg/kg	U	ND	< 0.0877	mg/kg	U	ND	< 0.0893	mg/kg	U	ND	< 0.0884	mg/kg	U	ND	< 0.0878	mg/kg
SW8270	2,4,5-Trichlorophenol	95-94-5	NE	NE	NE	ND	< 0.0444	mg/kg	U	ND	< 0.0444	mg/kg	U	ND	< 0.0447	mg/kg	U	ND	< 0.0443	mg/kg	U	ND	< 0.0446	mg/kg
SW8270	2,4,6-Trichlorophenol	88-06-2	NE	NE	NE	ND	< 0.0444	mg/kg	U	ND	< 0.0444	mg/kg	U	ND	< 0.0447	mg/kg	U	ND	< 0.0443	mg/kg	U	ND	< 0.0446	mg/kg
SW8270	2,4-Dichlorophenol	120-83-2	NE	NE	NE	ND	< 0.0444	mg/kg	U	ND	< 0.0444	mg/kg	U	ND	< 0.0447	mg/kg	U	ND	< 0.0443	mg/kg	U	ND	< 0.0446	mg/kg
SW8270	2,4-Dimethylphenol	105-67-9	NE	NE	NE	ND	< 0.0444	mg/kg	U	ND	< 0.0444	mg/kg	U	ND	< 0.0447	mg/kg	U	ND	< 0.0443	mg/kg	U	ND	< 0.0446	mg/kg
SW8270	2,4-Dinitrophenol	51-28-5	NE	NE	NE	ND	< 0.0886	mg/kg	U	ND	< 0.0877	mg/kg	U	ND	< 0.0893	mg/kg	U	ND	< 0.0884	mg/kg</				

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		3/16/2021 OK WC COMP 1			3/16/2021 OK WC COMP 2			3/16/2021 OK WC COMP 3			3/16/2021 OK WC COMP 4			3/16/2021 OK WC COMP 5			3/16/2021 OK WC COMP 6		
						Sample ID		WC Comp 1 20210316			WC Comp 2 20210316			WC Comp 3 20210316			WC Comp 4 20210316			WC Comp 5 20210316			WC Comp 6 20210316		
Method	Analyte	CAS RN	PGW	RRSCOs	Unit	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< 0.00935	mg/kg	U	ND< 0.00943	mg/kg	U	ND< 0.0099	mg/kg	U	ND< 0.0098	mg/kg	U	ND< 0.00971	mg/kg	U	ND< 0.00952	mg/kg	U		
E537	2-(N-methyl perfluorooctanesulfonamido) acetic acid	2355-31-9	NE	NE		ND< 0.00052	mg/kg	U	ND< 0.00050	mg/kg	U	ND< 0.00053	mg/kg	U	ND< 0.00051	mg/kg	U	ND< 0.00052	mg/kg	U	ND< 0.00055	mg/kg	U		
E537	N-Ethyl-N-(heptadecafluorooctyl)sulphonyl) glycine	2991-50-6	NE	NE		ND< 0.00052	mg/kg	U	ND< 0.00050	mg/kg	U	ND< 0.00053	mg/kg	U	ND< 0.00051	mg/kg	U	ND< 0.00052	mg/kg	U	ND< 0.00055	mg/kg	U		
E537	Perfluorobutanesulfonic acid (PFBS)	375-73-5	NE	NE		ND< 0.00052	mg/kg	U	ND< 0.00050	mg/kg	U	ND< 0.00053	mg/kg	U	ND< 0.00051	mg/kg	U	ND< 0.00052	mg/kg	U	ND< 0.00055	mg/kg	U		
E537	Perfluorobutanoic Acid	375-22-4	NE	NE		ND< 0.00052	mg/kg	U	ND< 0.00050	mg/kg	U	ND< 0.00053	mg/kg	U	ND< 0.00051	mg/kg	U	ND< 0.00052	mg/kg	U	ND< 0.00055	mg/kg	U		
E537	Perfluorodecane Sulfonic Acid	335-77-3	NE	NE		ND< 0.00052	mg/kg	U	ND< 0.00050	mg/kg	U	ND< 0.00053	mg/kg	U	ND< 0.00051	mg/kg	U	ND< 0.00052	mg/kg	U	ND< 0.00055	mg/kg	U		
E537	Perfluorodecanoic acid (PFDA)	335-76-2	NE	NE		ND< 0.00052	mg/kg	U	ND< 0.00050	mg/kg	U	ND< 0.00053	mg/kg	U	ND< 0.00051	mg/kg	U	ND< 0.00052	mg/kg	U	ND< 0.00055	mg/kg	U		
E537	Perfluorododecanoic acid (PFDoA)	307-55-1	NE	NE		ND< 0.00052	mg/kg	U	ND< 0.00050	mg/kg	U	ND< 0.00053	mg/kg	U	ND< 0.00051	mg/kg	U	ND< 0.00052	mg/kg	U	ND< 0.00055	mg/kg	U		
E537	Perfluoroheptane Sulfonate (PFHPS)	375-92-8	NE	NE		ND< 0.00052	mg/kg	U	ND< 0.00050	mg/kg	U	ND< 0.00053	mg/kg	U	ND< 0.00051	mg/kg	U	ND< 0.00052	mg/kg	U	ND< 0.00055	mg/kg	U		
E537	Perfluoroheptanoic acid (PFHpA)	375-85-9	NE	NE		ND< 0.00052	mg/kg	U	ND< 0.00050	mg/kg	U	ND< 0.00053	mg/kg	U	ND< 0.00051	mg/kg	U	ND< 0.00052	mg/kg	U	ND< 0.00055	mg/kg	U		
E537	Perfluorohexanesulfonic acid (PFHxS)	355-46-4	NE	NE		ND< 0.00052	mg/kg	U	ND< 0.00050	mg/kg	U	ND< 0.00053	mg/kg	U	ND< 0.00051	mg/kg	U	ND< 0.00052	mg/kg	U	ND< 0.00055	mg/kg	U		
E537	Perfluorohexanoic acid (PFHxA)	307-24-4	NE	NE		ND< 0.00052	mg/kg	U	ND< 0.00050	mg/kg	U	ND< 0.00053	mg/kg	U	ND< 0.00051	mg/kg	U	ND< 0.00052	mg/kg	U	ND< 0.00055	mg/kg	U		
E537	Perfluorononanoic acid (PFNA)	375-95-1	NE	NE		ND< 0.00052	mg/kg	U	ND< 0.00050	mg/kg	U	ND< 0.00053	mg/kg	U	ND< 0.00051	mg/kg	U	ND< 0.00052	mg/kg	U	ND< 0.00055	mg/kg	U		
E537	Perfluorooctane Sulfonamide (FOSA)	754-91-6	NE	NE		ND< 0.00052	mg/kg	U	ND< 0.00050	mg/kg	U	ND< 0.00053	mg/kg	U	ND< 0.00051	mg/kg	U	ND< 0.00052	mg/kg	U	ND< 0.00055	mg/kg	U		
E537	Perfluorooctanesulfonic acid (PFOS)	1763-23-1	0.0037	0.044	mg/kg	ND< 0.00052	mg/kg	U	ND< 0.00050	mg/kg	U	ND< 0.00053	mg/kg	U	ND< 0.00051	mg/kg	U	ND< 0.00052	mg/kg	U	ND< 0.00055	mg/kg	U		
E537	Perfluorooctanoic acid (PFOA)	335-67-1	0.0011	0.033	mg/kg	ND< 0.00052	mg/kg	U	ND< 0.00050	mg/kg	U	ND< 0.00053	mg/kg	U	ND< 0.00051	mg/kg	U	ND< 0.00052	mg/kg	U	ND< 0.00055	mg/kg	U		
E537	Perfluoropentanoic Acid (PFPeA)	2706-90-3	NE	NE		ND< 0.00052	mg/kg	U	ND< 0.00050	mg/kg	U	ND< 0.00053	mg/kg	U	ND< 0.00051	mg/kg	U	ND< 0.00052	mg/kg	U	ND< 0.00055	mg/kg	U		
E537	Perfluorotetradecanoic acid (PFTA)	376-06-7	NE	NE		ND< 0.00052	mg/kg	U	ND< 0.00050	mg/kg	U	ND< 0.00053	mg/kg	U	ND< 0.00051	mg/kg	U	ND< 0.00052	mg/kg	U	ND< 0.00055	mg/kg	U		
E537	Perfluorotridecanoic Acid (PFTriA)	72629-94-8	NE	NE		ND< 0.00052	mg/kg	U	ND< 0.00050	mg/kg	U	ND< 0.00053	mg/kg	U	ND< 0.00051	mg/kg	U	ND< 0.00052	mg/kg	U	ND< 0.00055	mg/kg	U		
E537	Perfluoroundecanoic Acid (PFUnA)	2058-94-8	NE	NE		ND< 0.00052	mg/kg	U	ND< 0.00050	mg/kg	U	ND< 0.00053	mg/kg	U	ND< 0.00051	mg/kg	U	ND< 0.00052	mg/kg	U	ND< 0.00055	mg/kg	U		
E537	Sodium 1H,1H,2H,2H-Perfluorodecane Sulfonate (8:2)	39108-34-4	NE	NE		ND< 0.00052	mg/kg	U	ND< 0.00050	mg/kg	U	ND< 0.00053	mg/kg	U	ND< 0.00051	mg/kg	U	ND< 0.00052	mg/kg	U	ND< 0.00055	mg/kg	U		
E537	Sodium 1H,1H,2H,2H-Perfluorooctane Sulfonate (6:2)	27619-97-2	NE	NE		ND< 0.00052	mg/kg	U	ND< 0.00050	mg/kg	U	ND< 0.00053	mg/kg	U	ND< 0.00051	mg/kg	U	ND< 0.00052	mg/kg	U	ND< 0.00055	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 (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; &
 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: 03/19/2021
Client Project ID: 560909-Onekey
York Project (SDG) No.: 21C0750

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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FAX (203) 357-0166

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 03/19/2021
Client Project ID: 560909-Onekey
York Project (SDG) No.: 21C0750

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 March 16, 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>
21C0750-01	WC Grab 1 20210316	Soil	03/16/2021	03/16/2021
21C0750-02	WC Grab 2 20210316	Soil	03/16/2021	03/16/2021
21C0750-03	WC Grab 3 20210316	Soil	03/16/2021	03/16/2021
21C0750-04	WC Grab 4 20210316	Soil	03/16/2021	03/16/2021
21C0750-05	WC Grab 5 20210316	Soil	03/16/2021	03/16/2021
21C0750-06	WC Grab 6 20210316	Soil	03/16/2021	03/16/2021
21C0750-07	WC Grab 7 20210316	Soil	03/16/2021	03/16/2021
21C0750-08	WC Grab 8 20210316	Soil	03/16/2021	03/16/2021
21C0750-09	WC Grab 9 20210316	Soil	03/16/2021	03/16/2021
21C0750-10	WC Grab 10 20210316	Soil	03/16/2021	03/16/2021
21C0750-11	WC Grab 11 20210316	Soil	03/16/2021	03/16/2021
21C0750-12	WC Grab 12 20210316	Soil	03/16/2021	03/16/2021
21C0750-13	WC Grab 13 20210316	Soil	03/16/2021	03/16/2021
21C0750-14	WC Grab 14 20210316	Soil	03/16/2021	03/16/2021
21C0750-15	WC Grab 15 20210316	Soil	03/16/2021	03/16/2021
21C0750-16	WC Comp 1 20210316	Soil	03/16/2021	03/16/2021
21C0750-17	WC Comp 2 20210316	Soil	03/16/2021	03/16/2021
21C0750-18	WC Comp 3 20210316	Soil	03/16/2021	03/16/2021
21C0750-19	WC Comp 4 20210316	Soil	03/16/2021	03/16/2021
21C0750-20	WC Comp 5 20210316	Soil	03/16/2021	03/16/2021
21C0750-21	WC Comp 6 20210316	Soil	03/16/2021	03/16/2021
21C0750-22	FB 20210316	Water	03/16/2021	03/16/2021

General Notes for York Project (SDG) No.: 21C0750

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.

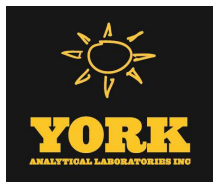
Approved By:



Benjamin Gulizia
Laboratory Director

Date: 03/19/2021





Sample Information

Client Sample ID: WC Grab 1 20210316

York Sample ID: 21C0750-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21C0750

560909-Onekey

Soil

March 16, 2021 9:15 am

03/16/2021

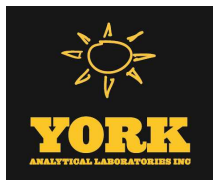
Volatile Organics, NYSDEC Part 375 List

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	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 21:20	LM
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	03/16/2021 12:30	03/16/2021 21:20	LM
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	03/16/2021 12:30	03/16/2021 21:20	LM
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	03/16/2021 12:30	03/16/2021 21:20	LM
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	03/16/2021 12:30	03/16/2021 21:20	LM
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	03/16/2021 12:30	03/16/2021 21:20	LM
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	03/16/2021 12:30	03/16/2021 21:20	LM
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	03/16/2021 12:30	03/16/2021 21:20	LM
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	03/16/2021 12:30	03/16/2021 21:20	LM
123-91-1	1,4-Dioxane	ND		ug/kg dry	66	130	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 21:20	LM
78-93-3	2-Butanone	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 21:20	LM
67-64-1	Acetone	ND		ug/kg dry	6.6	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 21:20	LM
71-43-2	Benzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 21:20	LM
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 21:20	LM
108-90-7	Chlorobenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 21:20	LM
67-66-3	Chloroform	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 21:20	LM
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	03/16/2021 12:30	03/16/2021 21:20	LM
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 21:20	LM
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	03/16/2021 12:30	03/16/2021 21:20	LM
75-09-2	Methylene chloride	13		ug/kg dry	6.6	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 21:20	LM
91-20-3	Naphthalene	ND		ug/kg dry	3.3	13	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 21:20	LM
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 21:20	LM



Sample Information

Client Sample ID: WC Grab 1 20210316

York Sample ID: 21C0750-01

York Project (SDG) No.
21C0750

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
March 16, 2021 9:15 am

Date Received
03/16/2021

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	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 21:20	LM
95-47-6	o-Xylene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	03/16/2021 12:30	03/16/2021 21:20	LM
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.6	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	03/16/2021 12:30	03/16/2021 21:20	LM
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 21:20	LM
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 21:20	LM
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 21:20	LM
108-88-3	Toluene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 21:20	LM
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	03/16/2021 12:30	03/16/2021 21:20	LM
79-01-6	Trichloroethylene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 21:20	LM
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 21:20	LM
1330-20-7	Xylenes, Total	ND		ug/kg dry	9.9	20	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	03/16/2021 12:30	03/16/2021 21:20	LM
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	104 %				77-125					
2037-26-5	Surrogate: SURR: Toluene-d8	92.5 %				85-120					
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	100 %				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	03/17/2021 09:51	03/17/2021 15:45	OT

Sample Information

Client Sample ID: WC Grab 2 20210316

York Sample ID: 21C0750-02

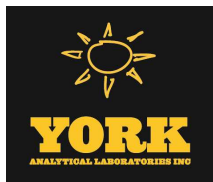
York Project (SDG) No.
21C0750

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
March 16, 2021 9:20 am

Date Received
03/16/2021



Sample Information

Client Sample ID: WC Grab 2 20210316

York Sample ID: 21C0750-02

York Project (SDG) No.

21C0750

Client Project ID

560909-Onekey

Matrix

Soil

Collection Date/Time

March 16, 2021 9:20 am

Date Received

03/16/2021

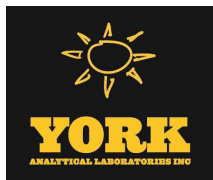
Volatile Organics, NYSDEC Part 375 List

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	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 21:48	LM
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 21:48	LM
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 21:48	LM
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 21:48	LM
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 21:48	LM
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 21:48	LM
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 21:48	LM
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 21:48	LM
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 21:48	LM
123-91-1	1,4-Dioxane	ND		ug/kg dry	55	110	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 21:48	LM
78-93-3	2-Butanone	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 21:48	LM
67-64-1	Acetone	ND		ug/kg dry	5.5	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 21:48	LM
71-43-2	Benzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 21:48	LM
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 21:48	LM
108-90-7	Chlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 21:48	LM
67-66-3	Chloroform	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 21:48	LM
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 21:48	LM
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 21:48	LM
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 21:48	LM
75-09-2	Methylene chloride	19		ug/kg dry	5.5	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 21:48	LM
91-20-3	Naphthalene	ND		ug/kg dry	2.7	11	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 21:48	LM
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 21:48	LM
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 21:48	LM



Sample Information

Client Sample ID: WC Grab 2 20210316

York Sample ID: 21C0750-02

York Project (SDG) No.
21C0750

Client Project ID
560909-Onekey

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Collection Date/Time
March 16, 2021 9:20 am

Date Received
03/16/2021

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	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	03/16/2021 12:30	03/16/2021 21:48	LM
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.5	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	03/16/2021 12:30	03/16/2021 21:48	LM
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 21:48	LM
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 21:48	LM
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 21:48	LM
108-88-3	Toluene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 21:48	LM
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 21:48	LM
79-01-6	Trichloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 21:48	LM
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 21:48	LM
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.2	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	03/16/2021 12:30	03/16/2021 21:48	LM
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	102 %				77-125					
2037-26-5	Surrogate: SURR: Toluene-d8	91.9 %				85-120					
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	100 %				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	93.5		%	0.100	1	SM 2540G Certifications: CTDOH	03/17/2021 09:51	03/17/2021 15:45	OT

Sample Information

Client Sample ID: WC Grab 3 20210316

York Sample ID: 21C0750-03

York Project (SDG) No.
21C0750

Client Project ID
560909-Onekey

Matrix
Soil

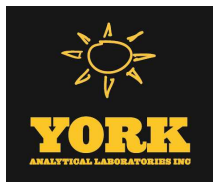
Collection Date/Time
March 16, 2021 9:25 am

Date Received
03/16/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: WC Grab 3 20210316

York Sample ID: 21C0750-03

York Project (SDG) No.

21C0750

Client Project ID

560909-Onekey

Matrix

Soil

Collection Date/Time

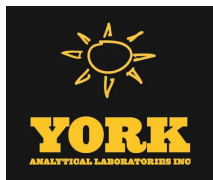
March 16, 2021 9:25 am

Date Received

03/16/2021

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	03/16/2021 12:30	03/16/2021 22:15	LM
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	03/16/2021 12:30	03/16/2021 22:15	LM
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	03/16/2021 12:30	03/16/2021 22:15	LM
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	03/16/2021 12:30	03/16/2021 22:15	LM
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	03/16/2021 12:30	03/16/2021 22:15	LM
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	03/16/2021 12:30	03/16/2021 22:15	LM
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	03/16/2021 12:30	03/16/2021 22:15	LM
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	03/16/2021 12:30	03/16/2021 22:15	LM
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	03/16/2021 12:30	03/16/2021 22:15	LM
123-91-1	1,4-Dioxane	ND		ug/kg dry	52	100	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 22:15	LM
78-93-3	2-Butanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 22:15	LM
67-64-1	Acetone	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 22:15	LM
71-43-2	Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 22:15	LM
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 22:15	LM
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 22:15	LM
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 22:15	LM
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	03/16/2021 12:30	03/16/2021 22:15	LM
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 22:15	LM
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	03/16/2021 12:30	03/16/2021 22:15	LM
75-09-2	Methylene chloride	11		ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 22:15	LM
91-20-3	Naphthalene	ND		ug/kg dry	2.6	10	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 22:15	LM
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 22:15	LM
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 22:15	LM
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 22:15	LM



Sample Information

Client Sample ID: WC Grab 3 20210316

York Sample ID: 21C0750-03

York Project (SDG) No.
21C0750

Client Project ID
560909-Onekey

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Collection Date/Time
March 16, 2021 9:25 am

Date Received
03/16/2021

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	03/16/2021 12:30	03/16/2021 22:15	LM
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 22:15	LM
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 22:15	LM
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 22:15	LM
108-88-3	Toluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 22:15	LM
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	03/16/2021 12:30	03/16/2021 22:15	LM
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 22:15	LM
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 22:15	LM
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.8	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	03/16/2021 12:30	03/16/2021 22:15	LM
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	104 %				77-125					
2037-26-5	Surrogate: SURR: Toluene-d8	91.5 %				85-120					
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	98.6 %				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	94.3		%	0.100	1	SM 2540G Certifications: CTDOH	03/17/2021 09:51	03/17/2021 15:45	OT

Sample Information

Client Sample ID: WC Grab 4 20210316

York Sample ID: 21C0750-04

York Project (SDG) No.
21C0750

Client Project ID
560909-Onekey

Matrix
Soil

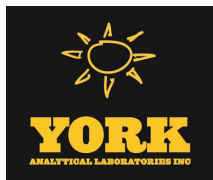
Collection Date/Time
March 16, 2021 9:30 am

Date Received
03/16/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: WC Grab 4 20210316

York Sample ID: 21C0750-04

York Project (SDG) No.
21C0750

Client Project ID
560909-Onekey

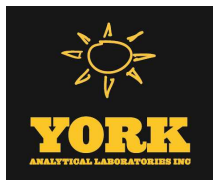
Matrix
Soil

Collection Date/Time
March 16, 2021 9:30 am

Date Received
03/16/2021

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	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 22:43	LM
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 22:43	LM
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 22:43	LM
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 22:43	LM
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 22:43	LM
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 22:43	LM
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 22:43	LM
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 22:43	LM
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 22:43	LM
123-91-1	1,4-Dioxane	ND		ug/kg dry	49	98	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 22:43	LM
78-93-3	2-Butanone	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 22:43	LM
67-64-1	Acetone	ND		ug/kg dry	4.9	9.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 22:43	LM
71-43-2	Benzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 22:43	LM
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 22:43	LM
108-90-7	Chlorobenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 22:43	LM
67-66-3	Chloroform	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 22:43	LM
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 22:43	LM
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 22:43	LM
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 22:43	LM
75-09-2	Methylene chloride	11		ug/kg dry	4.9	9.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 22:43	LM
91-20-3	Naphthalene	ND		ug/kg dry	2.5	9.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 22:43	LM
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 22:43	LM
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 22:43	LM
95-47-6	o-Xylene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 22:43	LM



Sample Information

Client Sample ID: WC Grab 4 20210316

York Sample ID: 21C0750-04

York Project (SDG) No.
21C0750

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
March 16, 2021 9:30 am

Date Received
03/16/2021

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	4.9	9.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	03/16/2021 12:30	03/16/2021 22:43	LM
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 22:43	LM
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 22:43	LM
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 22:43	LM
108-88-3	Toluene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 22:43	LM
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 22:43	LM
79-01-6	Trichloroethylene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 22:43	LM
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 22:43	LM
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.4	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	03/16/2021 12:30	03/16/2021 22:43	LM
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	110 %				77-125					
2037-26-5	Surrogate: SURR: Toluene-d8	92.9 %				85-120					
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	98.3 %				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	95.2		%	0.100	1	SM 2540G Certifications: CTDOH	03/17/2021 09:51	03/17/2021 15:45	OT

Sample Information

Client Sample ID: WC Grab 5 20210316

York Sample ID: 21C0750-05

York Project (SDG) No.
21C0750

Client Project ID
560909-Onekey

Matrix
Soil

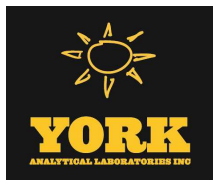
Collection Date/Time
March 16, 2021 9:35 am

Date Received
03/16/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: WC Grab 5 20210316

York Sample ID: 21C0750-05

York Project (SDG) No.
21C0750

Client Project ID
560909-Onekey

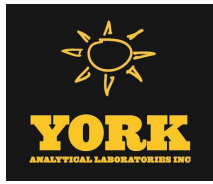
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Collection Date/Time
March 16, 2021 9:35 am

Date Received
03/16/2021

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	03/16/2021 12:30	03/16/2021 23:10	LM
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	03/16/2021 12:30	03/16/2021 23:10	LM
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	03/16/2021 12:30	03/16/2021 23:10	LM
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	03/16/2021 12:30	03/16/2021 23:10	LM
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	03/16/2021 12:30	03/16/2021 23:10	LM
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	03/16/2021 12:30	03/16/2021 23:10	LM
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	03/16/2021 12:30	03/16/2021 23:10	LM
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	03/16/2021 12:30	03/16/2021 23:10	LM
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	03/16/2021 12:30	03/16/2021 23:10	LM
123-91-1	1,4-Dioxane	ND		ug/kg dry	53	110	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 23:10	LM
78-93-3	2-Butanone	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 23:10	LM
67-64-1	Acetone	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 23:10	LM
71-43-2	Benzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 23:10	LM
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 23:10	LM
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 23:10	LM
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 23:10	LM
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	03/16/2021 12:30	03/16/2021 23:10	LM
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 23:10	LM
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	03/16/2021 12:30	03/16/2021 23:10	LM
75-09-2	Methylene chloride	14		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 23:10	LM
91-20-3	Naphthalene	ND		ug/kg dry	2.6	11	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 23:10	LM
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 23:10	LM
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 23:10	LM
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 23:10	LM



Sample Information

Client Sample ID: WC Grab 5 20210316

York Sample ID: 21C0750-05

York Project (SDG) No.

21C0750

Client Project ID

560909-Onekey

Matrix

Soil

Collection Date/Time

March 16, 2021 9:35 am

Date Received

03/16/2021

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	03/16/2021 12:30	03/16/2021 23:10	LM
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 23:10	LM
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 23:10	LM
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 23:10	LM
108-88-3	Toluene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 23:10	LM
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	03/16/2021 12:30	03/16/2021 23:10	LM
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 23:10	LM
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 23:10	LM
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	03/16/2021 12:30	03/16/2021 23:10	LM
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	103 %				77-125					
2037-26-5	Surrogate: SURR: Toluene-d8	95.9 %				85-120					
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	105 %				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	03/17/2021 09:51	03/17/2021 15:45	OT

Sample Information

Client Sample ID: WC Grab 6 20210316

York Sample ID: 21C0750-06

York Project (SDG) No.

21C0750

Client Project ID

560909-Onekey

Matrix

Soil

Collection Date/Time

March 16, 2021 9:40 am

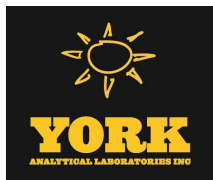
Date Received

03/16/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: WC Grab 6 20210316

York Sample ID: 21C0750-06

York Project (SDG) No.
21C0750

Client Project ID
560909-Onekey

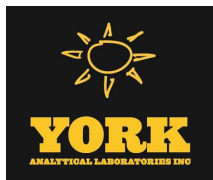
Matrix
Soil

Collection Date/Time
March 16, 2021 9:40 am

Date Received
03/16/2021

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	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 23:38	LM
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 23:38	LM
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 23:38	LM
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 23:38	LM
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 23:38	LM
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 23:38	LM
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 23:38	LM
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 23:38	LM
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 23:38	LM
123-91-1	1,4-Dioxane	ND		ug/kg dry	54	110	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 23:38	LM
78-93-3	2-Butanone	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 23:38	LM
67-64-1	Acetone	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 23:38	LM
71-43-2	Benzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 23:38	LM
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 23:38	LM
108-90-7	Chlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 23:38	LM
67-66-3	Chloroform	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 23:38	LM
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 23:38	LM
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 23:38	LM
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 23:38	LM
75-09-2	Methylene chloride	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 23:38	LM
91-20-3	Naphthalene	ND		ug/kg dry	2.7	11	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 23:38	LM
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 23:38	LM
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 23:38	LM
95-47-6	o-Xylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 23:38	LM



Sample Information

Client Sample ID: WC Grab 6 20210316

York Sample ID: 21C0750-06

York Project (SDG) No.
21C0750

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
March 16, 2021 9:40 am

Date Received
03/16/2021

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	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	03/16/2021 12:30	03/16/2021 23:38	LM
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 23:38	LM
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 23:38	LM
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 23:38	LM
108-88-3	Toluene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 23:38	LM
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 23:38	LM
79-01-6	Trichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 23:38	LM
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/16/2021 23:38	LM
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.0	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	03/16/2021 12:30	03/16/2021 23:38	LM
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	108 %				77-125					
2037-26-5	Surrogate: SURR: Toluene-d8	92.2 %				85-120					
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	98.8 %				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	95.5		%	0.100	1	SM 2540G Certifications: CTDOH	03/17/2021 09:51	03/17/2021 15:45	OT

Sample Information

Client Sample ID: WC Grab 7 20210316

York Sample ID: 21C0750-07

York Project (SDG) No.
21C0750

Client Project ID
560909-Onekey

Matrix
Soil

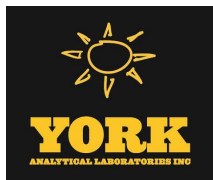
Collection Date/Time
March 16, 2021 9:45 am

Date Received
03/16/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: WC Grab 7 20210316

York Sample ID: 21C0750-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21C0750

560909-Onekey

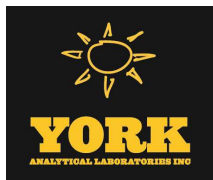
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March 16, 2021 9:45 am

03/16/2021

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	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 00:05	LM
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 00:05	LM
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 00:05	LM
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 00:05	LM
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 00:05	LM
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 00:05	LM
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 00:05	LM
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 00:05	LM
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 00:05	LM
123-91-1	1,4-Dioxane	ND		ug/kg dry	47	94	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 00:05	LM
78-93-3	2-Butanone	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 00:05	LM
67-64-1	Acetone	ND		ug/kg dry	4.7	9.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 00:05	LM
71-43-2	Benzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 00:05	LM
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 00:05	LM
108-90-7	Chlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 00:05	LM
67-66-3	Chloroform	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 00:05	LM
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 00:05	LM
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 00:05	LM
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 00:05	LM
75-09-2	Methylene chloride	13		ug/kg dry	4.7	9.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 00:05	LM
91-20-3	Naphthalene	ND		ug/kg dry	2.4	9.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 00:05	LM
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 00:05	LM
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 00:05	LM
95-47-6	o-Xylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 00:05	LM



Sample Information

Client Sample ID: WC Grab 7 20210316

York Sample ID: 21C0750-07

York Project (SDG) No.
21C0750

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
March 16, 2021 9:45 am

Date Received
03/16/2021

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	4.7	9.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	03/16/2021 12:30	03/17/2021 00:05	LM
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 00:05	LM
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 00:05	LM
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 00:05	LM
108-88-3	Toluene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 00:05	LM
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 00:05	LM
79-01-6	Trichloroethylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 00:05	LM
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 00:05	LM
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.1	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	03/16/2021 12:30	03/17/2021 00:05	LM
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	104 %				77-125					
2037-26-5	Surrogate: SURR: Toluene-d8	93.2 %				85-120					
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	100 %				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	95.5		%	0.100	1	SM 2540G Certifications: CTDOH	03/17/2021 09:51	03/17/2021 15:45	OT

Sample Information

Client Sample ID: WC Grab 8 20210316

York Sample ID: 21C0750-08

York Project (SDG) No.
21C0750

Client Project ID
560909-Onekey

Matrix
Soil

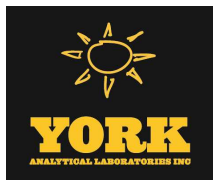
Collection Date/Time
March 16, 2021 9:50 am

Date Received
03/16/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: WC Grab 8 20210316

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York Project (SDG) No.
21C0750

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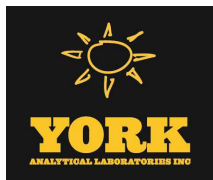
Matrix
Soil

Collection Date/Time
March 16, 2021 9:50 am

Date Received
03/16/2021

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	03/16/2021 12:30	03/17/2021 00:32	LM
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	03/16/2021 12:30	03/17/2021 00:32	LM
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	03/16/2021 12:30	03/17/2021 00:32	LM
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	03/16/2021 12:30	03/17/2021 00:32	LM
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	03/16/2021 12:30	03/17/2021 00:32	LM
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	03/16/2021 12:30	03/17/2021 00:32	LM
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	03/16/2021 12:30	03/17/2021 00:32	LM
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	03/16/2021 12:30	03/17/2021 00:32	LM
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	03/16/2021 12:30	03/17/2021 00:32	LM
123-91-1	1,4-Dioxane	ND		ug/kg dry	58	120	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 00:32	LM
78-93-3	2-Butanone	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 00:32	LM
67-64-1	Acetone	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 00:32	LM
71-43-2	Benzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 00:32	LM
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 00:32	LM
108-90-7	Chlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 00:32	LM
67-66-3	Chloroform	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 00:32	LM
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	03/16/2021 12:30	03/17/2021 00:32	LM
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 00:32	LM
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	03/16/2021 12:30	03/17/2021 00:32	LM
75-09-2	Methylene chloride	18		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 00:32	LM
91-20-3	Naphthalene	ND		ug/kg dry	2.9	12	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 00:32	LM
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 00:32	LM
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 00:32	LM
95-47-6	o-Xylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 00:32	LM



Sample Information

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Collection Date/Time
March 16, 2021 9:50 am

Date Received
03/16/2021

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	03/16/2021 12:30	03/17/2021 00:32	LM
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 00:32	LM
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 00:32	LM
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 00:32	LM
108-88-3	Toluene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 00:32	LM
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	03/16/2021 12:30	03/17/2021 00:32	LM
79-01-6	Trichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 00:32	LM
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 00:32	LM
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.7	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	03/16/2021 12:30	03/17/2021 00:32	LM
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	105 %				77-125					
2037-26-5	Surrogate: SURR: Toluene-d8	91.7 %				85-120					
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	100 %				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	95.4		%	0.100	1	SM 2540G Certifications: CTDOH	03/17/2021 09:51	03/17/2021 15:45	OT

Sample Information

Client Sample ID: WC Grab 9 20210316

York Sample ID: 21C0750-09

York Project (SDG) No.
21C0750

Client Project ID
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Matrix
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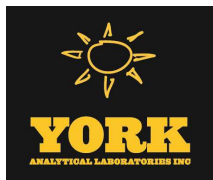
Collection Date/Time
March 16, 2021 9:55 am

Date Received
03/16/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: WC Grab 9 20210316

York Sample ID: 21C0750-09

York Project (SDG) No.
21C0750

Client Project ID
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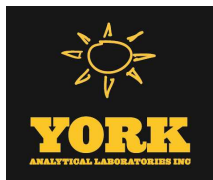
Matrix
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Collection Date/Time
March 16, 2021 9:55 am

Date Received
03/16/2021

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	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:00	LM
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:00	LM
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:00	LM
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:00	LM
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:00	LM
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:00	LM
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:00	LM
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:00	LM
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:00	LM
123-91-1	1,4-Dioxane	ND		ug/kg dry	55	110	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:00	LM
78-93-3	2-Butanone	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:00	LM
67-64-1	Acetone	ND		ug/kg dry	5.5	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:00	LM
71-43-2	Benzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:00	LM
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:00	LM
108-90-7	Chlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:00	LM
67-66-3	Chloroform	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:00	LM
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:00	LM
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:00	LM
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:00	LM
75-09-2	Methylene chloride	11		ug/kg dry	5.5	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:00	LM
91-20-3	Naphthalene	ND		ug/kg dry	2.8	11	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:00	LM
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:00	LM
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:00	LM
95-47-6	o-Xylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:00	LM



Sample Information

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Collection Date/Time
March 16, 2021 9:55 am

Date Received
03/16/2021

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	5.5	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	03/16/2021 12:30	03/17/2021 01:00	LM
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:00	LM
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:00	LM
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:00	LM
108-88-3	Toluene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:00	LM
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:00	LM
79-01-6	Trichloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:00	LM
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:00	LM
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.3	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	03/16/2021 12:30	03/17/2021 01:00	LM
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	109 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	91.0 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	100 %	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	95.5		%	0.100	1	SM 2540G Certifications: CTDOH	03/17/2021 09:51	03/17/2021 15:45	OT

Sample Information

Client Sample ID: WC Grab 10 20210316

York Sample ID: 21C0750-10

York Project (SDG) No.
21C0750

Client Project ID
560909-Onekey

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Collection Date/Time
March 16, 2021 10:00 am

Date Received
03/16/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: WC Grab 10 20210316

York Sample ID: 21C0750-10

York Project (SDG) No.
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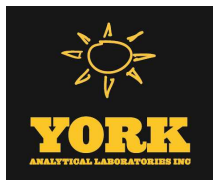
Matrix
Soil

Collection Date/Time
March 16, 2021 10:00 am

Date Received
03/16/2021

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	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:27	LM
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	03/16/2021 12:30	03/17/2021 01:27	LM
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	03/16/2021 12:30	03/17/2021 01:27	LM
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	03/16/2021 12:30	03/17/2021 01:27	LM
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	03/16/2021 12:30	03/17/2021 01:27	LM
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	03/16/2021 12:30	03/17/2021 01:27	LM
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	03/16/2021 12:30	03/17/2021 01:27	LM
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	03/16/2021 12:30	03/17/2021 01:27	LM
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	03/16/2021 12:30	03/17/2021 01:27	LM
123-91-1	1,4-Dioxane	ND		ug/kg dry	51	100	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:27	LM
78-93-3	2-Butanone	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:27	LM
67-64-1	Acetone	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:27	LM
71-43-2	Benzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:27	LM
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:27	LM
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:27	LM
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:27	LM
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	03/16/2021 12:30	03/17/2021 01:27	LM
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:27	LM
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	03/16/2021 12:30	03/17/2021 01:27	LM
75-09-2	Methylene chloride	10		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:27	LM
91-20-3	Naphthalene	ND		ug/kg dry	2.6	10	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:27	LM
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:27	LM
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:27	LM
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:27	LM



Sample Information

Client Sample ID: WC Grab 10 20210316

York Sample ID: 21C0750-10

York Project (SDG) No.
21C0750

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
March 16, 2021 10:00 am

Date Received
03/16/2021

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	03/16/2021 12:30	03/17/2021 01:27	LM
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:27	LM
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:27	LM
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:27	LM
108-88-3	Toluene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:27	LM
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	03/16/2021 12:30	03/17/2021 01:27	LM
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:27	LM
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:27	LM
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.7	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	03/16/2021 12:30	03/17/2021 01:27	LM
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	107 %				77-125					
2037-26-5	Surrogate: SURR: Toluene-d8	91.8 %				85-120					
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	100 %				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	93.9		%	0.100	1	SM 2540G Certifications: CTDOH	03/17/2021 09:51	03/17/2021 15:45	OT

Sample Information

Client Sample ID: WC Grab 11 20210316

York Sample ID: 21C0750-11

York Project (SDG) No.
21C0750

Client Project ID
560909-Onekey

Matrix
Soil

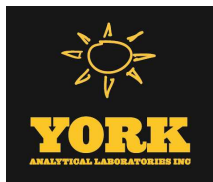
Collection Date/Time
March 16, 2021 10:05 am

Date Received
03/16/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:



Sample Information

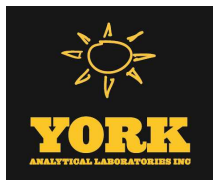
Client Sample ID: WC Grab 11 20210316

York Sample ID: 21C0750-11

<u>York Project (SDG) No.</u> 21C0750	<u>Client Project ID</u> 560909-Onekey	<u>Matrix</u> Soil	<u>Collection Date/Time</u> March 16, 2021 10:05 am	<u>Date Received</u> 03/16/2021
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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	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:55	LM
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:55	LM
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:55	LM
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:55	LM
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:55	LM
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:55	LM
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:55	LM
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:55	LM
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:55	LM
123-91-1	1,4-Dioxane	ND		ug/kg dry	55	110	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:55	LM
78-93-3	2-Butanone	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:55	LM
67-64-1	Acetone	ND		ug/kg dry	5.5	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:55	LM
71-43-2	Benzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:55	LM
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:55	LM
108-90-7	Chlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:55	LM
67-66-3	Chloroform	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:55	LM
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:55	LM
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:55	LM
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:55	LM
75-09-2	Methylene chloride	9.8	J	ug/kg dry	5.5	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:55	LM
91-20-3	Naphthalene	ND		ug/kg dry	2.7	11	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:55	LM
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:55	LM
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:55	LM
95-47-6	o-Xylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:55	LM



Sample Information

Client Sample ID: WC Grab 11 20210316

York Sample ID: 21C0750-11

York Project (SDG) No.
21C0750

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
March 16, 2021 10:05 am

Date Received
03/16/2021

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	5.5	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	03/16/2021 12:30	03/17/2021 01:55	LM
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:55	LM
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:55	LM
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:55	LM
108-88-3	Toluene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:55	LM
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:55	LM
79-01-6	Trichloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:55	LM
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 01:55	LM
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.2	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	03/16/2021 12:30	03/17/2021 01:55	LM
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	105 %				77-125					
2037-26-5	Surrogate: SURRE: Toluene-d8	92.2 %				85-120					
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	99.8 %				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	94.5		%	0.100	1	SM 2540G Certifications: CTDOH	03/17/2021 09:51	03/17/2021 15:45	OT

Sample Information

Client Sample ID: WC Grab 12 20210316

York Sample ID: 21C0750-12

York Project (SDG) No.
21C0750

Client Project ID
560909-Onekey

Matrix
Soil

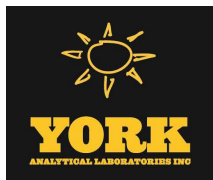
Collection Date/Time
March 16, 2021 10:10 am

Date Received
03/16/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: WC Grab 12 20210316

York Sample ID: 21C0750-12

York Project (SDG) No.
21C0750

Client Project ID
560909-Onekey

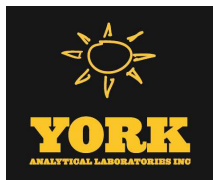
Matrix
Soil

Collection Date/Time
March 16, 2021 10:10 am

Date Received
03/16/2021

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	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 02:22	LM
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 02:22	LM
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 02:22	LM
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 02:22	LM
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 02:22	LM
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 02:22	LM
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 02:22	LM
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 02:22	LM
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 02:22	LM
123-91-1	1,4-Dioxane	ND		ug/kg dry	47	94	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 02:22	LM
78-93-3	2-Butanone	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 02:22	LM
67-64-1	Acetone	ND		ug/kg dry	4.7	9.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 02:22	LM
71-43-2	Benzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 02:22	LM
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 02:22	LM
108-90-7	Chlorobenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 02:22	LM
67-66-3	Chloroform	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 02:22	LM
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 02:22	LM
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 02:22	LM
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 02:22	LM
75-09-2	Methylene chloride	ND		ug/kg dry	4.7	9.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 02:22	LM
91-20-3	Naphthalene	ND		ug/kg dry	2.3	9.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 02:22	LM
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 02:22	LM
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 02:22	LM
95-47-6	o-Xylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 02:22	LM



Sample Information

Client Sample ID: WC Grab 12 20210316

York Sample ID: 21C0750-12

York Project (SDG) No.
21C0750

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
March 16, 2021 10:10 am

Date Received
03/16/2021

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	4.7	9.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	03/16/2021 12:30	03/17/2021 02:22	LM
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 02:22	LM
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 02:22	LM
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 02:22	LM
108-88-3	Toluene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 02:22	LM
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 02:22	LM
79-01-6	Trichloroethylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 02:22	LM
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 02:22	LM
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.0	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	03/16/2021 12:30	03/17/2021 02:22	LM
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	107 %				77-125					
2037-26-5	Surrogate: SURR: Toluene-d8	91.7 %				85-120					
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	98.8 %				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	94.0		%	0.100	1	SM 2540G Certifications: CTDOH	03/17/2021 09:51	03/17/2021 15:45	OT

Sample Information

Client Sample ID: WC Grab 13 20210316

York Sample ID: 21C0750-13

York Project (SDG) No.
21C0750

Client Project ID
560909-Onekey

Matrix
Soil

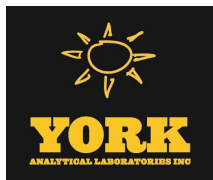
Collection Date/Time
March 16, 2021 10:15 am

Date Received
03/16/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: WC Grab 13 20210316

York Sample ID: 21C0750-13

York Project (SDG) No.
21C0750

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
March 16, 2021 10:15 am

Date Received
03/16/2021

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	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 02:50	LM
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 02:50	LM
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 02:50	LM
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 02:50	LM
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 02:50	LM
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 02:50	LM
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 02:50	LM
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 02:50	LM
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 02:50	LM
123-91-1	1,4-Dioxane	ND		ug/kg dry	54	110	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 02:50	LM
78-93-3	2-Butanone	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 02:50	LM
67-64-1	Acetone	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 02:50	LM
71-43-2	Benzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 02:50	LM
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 02:50	LM
108-90-7	Chlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 02:50	LM
67-66-3	Chloroform	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 02:50	LM
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 02:50	LM
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 02:50	LM
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 02:50	LM
75-09-2	Methylene chloride	10	J	ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 02:50	LM
91-20-3	Naphthalene	ND		ug/kg dry	2.7	11	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 02:50	LM
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 02:50	LM
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 02:50	LM
95-47-6	o-Xylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 02:50	LM



Sample Information

Client Sample ID: WC Grab 13 20210316

York Sample ID: 21C0750-13

York Project (SDG) No.
21C0750

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
March 16, 2021 10:15 am

Date Received
03/16/2021

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	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	03/16/2021 12:30	03/17/2021 02:50	LM
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 02:50	LM
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 02:50	LM
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 02:50	LM
108-88-3	Toluene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 02:50	LM
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 02:50	LM
79-01-6	Trichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 02:50	LM
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 02:50	LM
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.1	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	03/16/2021 12:30	03/17/2021 02:50	LM
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	109 %				77-125					
2037-26-5	Surrogate: SURRE: Toluene-d8	90.9 %				85-120					
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	99.7 %				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	93.4		%	0.100	1	SM 2540G Certifications: CTDOH	03/17/2021 09:51	03/17/2021 15:45	OT

Sample Information

Client Sample ID: WC Grab 14 20210316

York Sample ID: 21C0750-14

York Project (SDG) No.
21C0750

Client Project ID
560909-Onekey

Matrix
Soil

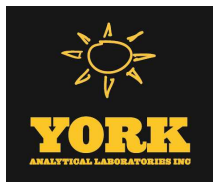
Collection Date/Time
March 16, 2021 10:20 am

Date Received
03/16/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: WC Grab 14 20210316

York Sample ID: 21C0750-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21C0750

560909-Onekey

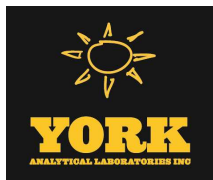
Soil

March 16, 2021 10:20 am

03/16/2021

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	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 03:17	LM
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 03:17	LM
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 03:17	LM
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 03:17	LM
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 03:17	LM
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 03:17	LM
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 03:17	LM
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 03:17	LM
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 03:17	LM
123-91-1	1,4-Dioxane	ND		ug/kg dry	49	99	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 03:17	LM
78-93-3	2-Butanone	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 03:17	LM
67-64-1	Acetone	ND		ug/kg dry	4.9	9.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 03:17	LM
71-43-2	Benzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 03:17	LM
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 03:17	LM
108-90-7	Chlorobenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 03:17	LM
67-66-3	Chloroform	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 03:17	LM
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 03:17	LM
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 03:17	LM
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 03:17	LM
75-09-2	Methylene chloride	16		ug/kg dry	4.9	9.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 03:17	LM
91-20-3	Naphthalene	ND		ug/kg dry	2.5	9.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 03:17	LM
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 03:17	LM
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 03:17	LM
95-47-6	o-Xylene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 03:17	LM



Sample Information

Client Sample ID: WC Grab 14 20210316

York Sample ID: 21C0750-14

York Project (SDG) No.
21C0750

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
March 16, 2021 10:20 am

Date Received
03/16/2021

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	4.9	9.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	03/16/2021 12:30	03/17/2021 03:17	LM
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 03:17	LM
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 03:17	LM
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 03:17	LM
108-88-3	Toluene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 03:17	LM
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 03:17	LM
79-01-6	Trichloroethylene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 03:17	LM
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 03:17	LM
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.4	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	03/16/2021 12:30	03/17/2021 03:17	LM
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	105 %				77-125					
2037-26-5	Surrogate: SURR: Toluene-d8	91.4 %				85-120					
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	100 %				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	94.2		%	0.100	1	SM 2540G Certifications: CTDOH	03/17/2021 09:51	03/17/2021 15:45	OT

Sample Information

Client Sample ID: WC Grab 15 20210316

York Sample ID: 21C0750-15

York Project (SDG) No.
21C0750

Client Project ID
560909-Onekey

Matrix
Soil

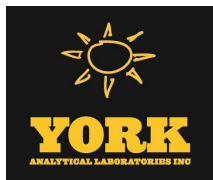
Collection Date/Time
March 16, 2021 10:25 am

Date Received
03/16/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: WC Grab 15 20210316

York Sample ID: 21C0750-15

York Project (SDG) No.
21C0750

Client Project ID
560909-Onekey

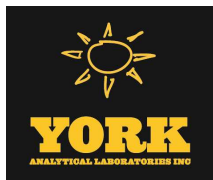
Matrix
Soil

Collection Date/Time
March 16, 2021 10:25 am

Date Received
03/16/2021

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	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 03:45	LM
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 03:45	LM
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 03:45	LM
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 03:45	LM
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 03:45	LM
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 03:45	LM
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 03:45	LM
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 03:45	LM
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 03:45	LM
123-91-1	1,4-Dioxane	ND		ug/kg dry	54	110	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 03:45	LM
78-93-3	2-Butanone	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 03:45	LM
67-64-1	Acetone	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 03:45	LM
71-43-2	Benzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 03:45	LM
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 03:45	LM
108-90-7	Chlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 03:45	LM
67-66-3	Chloroform	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 03:45	LM
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 03:45	LM
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 03:45	LM
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 03:45	LM
75-09-2	Methylene chloride	9.7	J	ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 03:45	LM
91-20-3	Naphthalene	ND		ug/kg dry	2.7	11	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 03:45	LM
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 03:45	LM
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 03:45	LM
95-47-6	o-Xylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 03:45	LM



Sample Information

Client Sample ID: WC Grab 15 20210316

York Sample ID: 21C0750-15

York Project (SDG) No.
21C0750

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
March 16, 2021 10:25 am

Date Received
03/16/2021

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	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	03/16/2021 12:30	03/17/2021 03:45	LM
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 03:45	LM
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 03:45	LM
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 03:45	LM
108-88-3	Toluene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 03:45	LM
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 03:45	LM
79-01-6	Trichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 03:45	LM
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/16/2021 12:30	03/17/2021 03:45	LM
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.2	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	03/16/2021 12:30	03/17/2021 03:45	LM
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	107 %				77-125					
2037-26-5	Surrogate: SURR: Toluene-d8	91.6 %				85-120					
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	99.3 %				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	93.7		%	0.100	1	SM 2540G Certifications: CTDOH	03/17/2021 09:51	03/17/2021 15:45	OT

Sample Information

Client Sample ID: WC Comp 1 20210316

York Sample ID: 21C0750-16

York Project (SDG) No.
21C0750

Client Project ID
560909-Onekey

Matrix
Soil

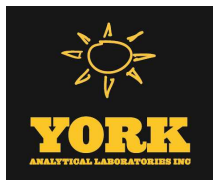
Collection Date/Time
March 16, 2021 9:25 am

Date Received
03/16/2021

Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: WC Comp 1 20210316

York Sample ID: 21C0750-16

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21C0750

560909-Onekey

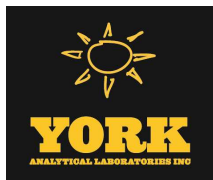
Soil

March 16, 2021 9:25 am

03/16/2021

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	44.4	88.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:10	cd
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	88.6	177	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:10	cd
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	88.6	177	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:10	cd
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:10	cd
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:10	cd
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:10	cd
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:10	cd
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	88.6	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:10	cd
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:10	cd
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:10	cd
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:10	cd
95-57-8	2-Chlorophenol	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:10	cd
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:10	cd
95-48-7	2-Methylphenol	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:10	cd
88-74-4	2-Nitroaniline	ND		ug/kg dry	88.6	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:10	cd
88-75-5	2-Nitrophenol	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:10	cd
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:10	cd
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:10	cd
99-09-2	3-Nitroaniline	ND		ug/kg dry	88.6	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:10	cd
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	88.6	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:10	cd
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:10	cd
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:10	cd
106-47-8	4-Chloroaniline	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:10	cd
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:10	cd



Sample Information

Client Sample ID: WC Comp 1 20210316

York Sample ID: 21C0750-16

York Project (SDG) No.
21C0750

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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
100-01-6	4-Nitroaniline	ND		ug/kg dry	88.6	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:10	cd
100-02-7	4-Nitrophenol	ND		ug/kg dry	88.6	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:10	cd
83-32-9	Acenaphthene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:10	cd
208-96-8	Acenaphthylene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:10	cd
98-86-2	Acetophenone	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:10	cd
120-12-7	Anthracene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:10	cd
1912-24-9	Atrazine	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:10	cd
100-52-7	Benzaldehyde	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:10	cd
56-55-3	Benzo(a)anthracene	102		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:10	cd
50-32-8	Benzo(a)pyrene	110		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:10	cd
205-99-2	Benzo(b)fluoranthene	87.8	J	ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:10	cd
191-24-2	Benzo(g,h,i)perylene	86.4	J	ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:10	cd
207-08-9	Benzo(k)fluoranthene	99.1		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:10	cd
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:10	cd
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:10	cd
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:10	cd
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:10	cd
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:10	cd
105-60-2	Caprolactam	ND		ug/kg dry	88.6	177	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:10	cd
86-74-8	Carbazole	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:10	cd
218-01-9	Chrysene	106		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:10	cd
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:10	cd
132-64-9	Dibenzofuran	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:10	cd



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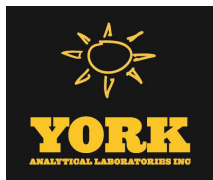
Semi-Volatiles, NYSDEC Part 375

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
84-66-2	Diethyl phthalate	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:10	cd
131-11-3	Dimethyl phthalate	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:10	cd
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:10	cd
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:10	cd
206-44-0	Fluoranthene	178		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:10	cd
86-73-7	Fluorene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:10	cd
118-74-1	Hexachlorobenzene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:10	cd
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:10	cd
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:10	cd
67-72-1	Hexachloroethane	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:10	cd
193-39-5	Indeno(1,2,3-cd)pyrene	70.8	J	ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:10	cd
78-59-1	Isophorone	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:10	cd
91-20-3	Naphthalene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:10	cd
98-95-3	Nitrobenzene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:10	cd
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:10	cd
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:10	cd
87-86-5	Pentachlorophenol	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:10	cd
85-01-8	Phenanthrene	69.4	J	ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:10	cd
108-95-2	Phenol	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:10	cd
129-00-0	Pyrene	157		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:10	cd
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	56.7 %	30-130								
4165-62-2	Surrogate: SURR: Phenol-d5	55.3 %	30-130								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	57.9 %	30-130								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	63.7 %	30-130								



Sample Information

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March 16, 2021 9:25 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
118-79-6	Surrogate: SURRE: 2,4,6-Tribromophenol	93.6 %			30-130						
1718-51-0	Surrogate: SURRE: Terphenyl-d14	96.6 %			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	9.35	1	EPA 8270D SIM Certifications: NELAC-NY10854	03/17/2021 06:44	03/17/2021 11:05	KH
Surrogate Recoveries		Result		Acceptance Range						
17647-74-4	Surrogate: 1,4-Dioxane-d8	54.0 %			39-127.5					

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	0.521	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 18:42	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.521	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 18:42	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.521	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 18:42	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.521	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 18:42	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.521	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 18:42	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.521	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 18:42	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.521	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 18:42	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.521	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 18:42	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.521	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 18:42	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.521	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 18:42	WL
72629-94-8	* Perfluorotridecanoic acid (PFTriDA)	ND		ug/kg dry	0.521	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 18:42	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.521	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 18:42	WL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.521	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 18:42	WL



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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
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.521	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 18:42	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.521	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 18:42	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.521	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 18:42	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.521	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 18:42	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.521	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 18:42	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.521	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 18:42	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.521	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 18:42	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.521	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 18:42	WL
Surrogate Recoveries		Result	Acceptance Range							
Surrogate: M3PFBS		78.0 %	25-150							
Surrogate: M5PFHxA		94.3 %	25-150							
Surrogate: M4PFHpA		89.8 %	25-150							
Surrogate: M3PFHxS		73.3 %	25-150							
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)		101 %	25-150							
Surrogate: M6PFDA		84.3 %	25-150							
Surrogate: M7PFUdA		73.8 %	25-150							
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)		71.3 %	25-150							
Surrogate: M2PFTeDA		73.7 %	10-150							
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)		70.4 %	25-150							
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)		62.9 %	25-150							
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)		74.5 %	25-150							
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)		45.6 %	10-150							
Surrogate: d3-N-MeFOSAA		58.8 %	25-150							
Surrogate: d5-N-EtFOSAA		55.5 %	25-150							
Surrogate: M2-6:2 FTS		90.1 %	25-150							
Surrogate: M2-8:2 FTS		138 %	25-150							
Surrogate: M9PFNA		104 %	25-150							



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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
72-54-8	4,4'-DDD	ND		ug/kg dry	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 03:47	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 03:47	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 03:47	CM
309-00-2	Aldrin	ND		ug/kg dry	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 03:47	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 03:47	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.76	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	03/16/2021 14:21	03/17/2021 03:47	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 03:47	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 03:47	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 03:47	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 03:47	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	03/16/2021 14:21	03/17/2021 03:47	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 03:47	CM
72-20-8	Endrin	ND		ug/kg dry	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 03:47	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 03:47	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 03:47	CM
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	107 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	99.1 %	30-150							

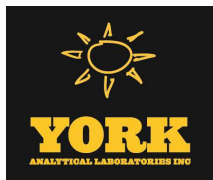
Polychlorinated Biphenyls (PCB)

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	0.0178	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 12:11	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 12:11	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 12:11	BJ



Sample Information

Client Sample ID: WC Comp 1 20210316

York Sample ID: 21C0750-16

York Project (SDG) No.
21C0750

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
March 16, 2021 9:25 am

Date Received
03/16/2021

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
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 12:11	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 12:11	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 12:11	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 12:11	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications:	03/16/2021 14:21	03/17/2021 12:11	BJ
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	74.5 %		30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	60.5 %		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	21.2	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:45	03/17/2021 13:55	BJ
Surrogate Recoveries		Result		Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	85.2 %		21-150						

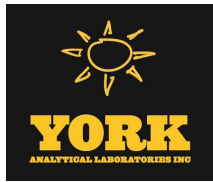
Metals, NYSDEC Part 375

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	5.64		mg/kg dry	1.60	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 18:35	03/17/2021 14:21	WJM
7440-39-3	Barium	70.0		mg/kg dry	2.67	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 18:35	03/17/2021 14:21	WJM
7440-41-7	Beryllium	0.088		mg/kg dry	0.053	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 18:35	03/17/2021 14:21	WJM
7440-43-9	Cadmium	0.363		mg/kg dry	0.321	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 18:35	03/17/2021 14:21	WJM
7440-47-3	Chromium	17.3		mg/kg dry	0.535	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 18:35	03/17/2021 14:21	WJM
7440-50-8	Copper	32.9		mg/kg dry	2.14	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 18:35	03/17/2021 14:21	WJM
7439-92-1	Lead	33.1		mg/kg dry	0.535	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 18:35	03/17/2021 14:21	WJM



Sample Information

Client Sample ID: WC Comp 1 20210316

York Sample ID: 21C0750-16

York Project (SDG) No.

21C0750

Client Project ID

560909-Onekey

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Soil

Collection Date/Time

March 16, 2021 9:25 am

Date Received

03/16/2021

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
7439-96-5	Manganese	561		mg/kg dry	0.535	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 18:35	03/17/2021 14:21	WJM
7440-02-0	Nickel	24.7		mg/kg dry	1.07	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 18:35	03/17/2021 14:21	WJM
7782-49-2	Selenium	ND		mg/kg dry	2.67	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 18:35	03/17/2021 14:21	WJM
7440-22-4	Silver	ND		mg/kg dry	0.535	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 18:35	03/17/2021 14:21	WJM
7440-66-6	Zinc	82.0		mg/kg dry	2.67	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 18:35	03/17/2021 14:21	WJM

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	0.0883		mg/kg dry	0.0321	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	03/16/2021 23:04	03/17/2021 04:25	BML

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	0.535	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	03/17/2021 08:56	03/17/2021 19:14	ALH

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	17.3		mg/kg	0.500	1	Calculation Certifications:	03/17/2021 15:36	03/17/2021 19:16	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	0.535	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2021 08:41	03/17/2021 14:28	OT

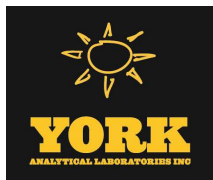
Total Solids

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
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Sample Information

Client Sample ID: WC Comp 1 20210316

York Sample ID: 21C0750-16

York Project (SDG) No.
21C0750

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
March 16, 2021 9:25 am

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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	93.5		%	0.100	1	SM 2540G Certifications: CTDH	03/17/2021 09:51	03/17/2021 15:45	OT

Sample Information

Client Sample ID: WC Comp 2 20210316

York Sample ID: 21C0750-17

York Project (SDG) No.
21C0750

Client Project ID
560909-Onekey

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March 16, 2021 9:40 am

Date Received
03/16/2021

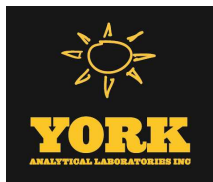
Semi-Volatiles, NYSDEC Part 375

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	44.0	87.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:41	cd
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	87.7	175	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:41	cd
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	87.7	175	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:41	cd
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:41	cd
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:41	cd
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:41	cd
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:41	cd
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	87.7	175	2	EPA 8270D Certifications: CTDH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:41	cd
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:41	cd
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:41	cd
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:41	cd
95-57-8	2-Chlorophenol	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:41	cd
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:41	cd
95-48-7	2-Methylphenol	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:41	cd



Sample Information

Client Sample ID: WC Comp 2 20210316

York Sample ID: 21C0750-17

York Project (SDG) No.

21C0750

Client Project ID

560909-Onekey

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March 16, 2021 9:40 am

Date Received

03/16/2021

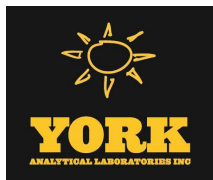
Semi-Volatiles, NYSDEC Part 375

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	87.7	175	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:41	cd
88-75-5	2-Nitrophenol	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:41	cd
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:41	cd
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:41	cd
99-09-2	3-Nitroaniline	ND		ug/kg dry	87.7	175	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:41	cd
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	87.7	175	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:41	cd
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:41	cd
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:41	cd
106-47-8	4-Chloroaniline	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:41	cd
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:41	cd
100-01-6	4-Nitroaniline	ND		ug/kg dry	87.7	175	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:41	cd
100-02-7	4-Nitrophenol	ND		ug/kg dry	87.7	175	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:41	cd
83-32-9	Acenaphthene	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:41	cd
208-96-8	Acenaphthylene	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:41	cd
98-86-2	Acetophenone	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:41	cd
120-12-7	Anthracene	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:41	cd
1912-24-9	Atrazine	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:41	cd
100-52-7	Benzaldehyde	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:41	cd
56-55-3	Benzo(a)anthracene	146		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:41	cd
50-32-8	Benzo(a)pyrene	162		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:41	cd
205-99-2	Benzo(b)fluoranthene	129		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:41	cd
191-24-2	Benzo(g,h,i)perylene	107		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:41	cd
207-08-9	Benzo(k)fluoranthene	138		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:41	cd



Sample Information

Client Sample ID: WC Comp 2 20210316

York Sample ID: 21C0750-17

York Project (SDG) No.
21C0750

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
March 16, 2021 9:40 am

Date Received
03/16/2021

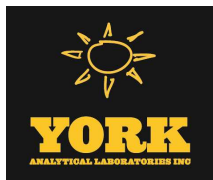
Semi-Volatiles, NYSDEC Part 375

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	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:41	cd
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:41	cd
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:41	cd
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:41	cd
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:41	cd
105-60-2	Caprolactam	ND		ug/kg dry	87.7	175	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:41	cd
86-74-8	Carbazole	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:41	cd
218-01-9	Chrysene	158		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:41	cd
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:41	cd
132-64-9	Dibenzofuran	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:41	cd
84-66-2	Diethyl phthalate	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:41	cd
131-11-3	Dimethyl phthalate	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:41	cd
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:41	cd
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:41	cd
206-44-0	Fluoranthene	266		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:41	cd
86-73-7	Fluorene	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:41	cd
118-74-1	Hexachlorobenzene	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:41	cd
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:41	cd
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:41	cd
67-72-1	Hexachloroethane	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:41	cd
193-39-5	Indeno(1,2,3-cd)pyrene	85.5	J	ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:41	cd
78-59-1	Isophorone	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:41	cd
91-20-3	Naphthalene	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:41	cd



Sample Information

Client Sample ID: WC Comp 2 20210316

York Sample ID: 21C0750-17

York Project (SDG) No.
21C0750

Client Project ID
560909-Onekey

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March 16, 2021 9:40 am

Date Received
03/16/2021

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	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:41	cd
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:41	cd
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:41	cd
87-86-5	Pentachlorophenol	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:41	cd
85-01-8	Phenanthrene	142		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:41	cd
108-95-2	Phenol	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:41	cd
129-00-0	Pyrene	234		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 10:41	cd
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	62.8 %	30-130								
4165-62-2	Surrogate: SURR: Phenol-d5	59.2 %	30-130								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	64.6 %	30-130								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	67.4 %	30-130								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	80.1 %	30-130								
1718-51-0	Surrogate: SURR: Terphenyl-d14	78.4 %	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	9.43	1	EPA 8270D SIM Certifications: NELAC-NY10854	03/17/2021 06:44	03/17/2021 11:59	KH
Surrogate Recoveries		Result	Acceptance Range							
17647-74-4	Surrogate: 1,4-Dioxane-d8	50.0 %	39-127.5							

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	0.501	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 19:04	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.501	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 19:04	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.501	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 19:04	WL



Sample Information

Client Sample ID: WC Comp 2 20210316

York Sample ID: 21C0750-17

York Project (SDG) No.
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Client Project ID
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March 16, 2021 9:40 am

Date Received
03/16/2021

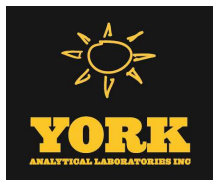
PFAS, NYSDEC Target List

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
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.501	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 19:04	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.501	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 19:04	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.501	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 19:04	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.501	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 19:04	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.501	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 19:04	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.501	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 19:04	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.501	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 19:04	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.501	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 19:04	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.501	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 19:04	WL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.501	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 19:04	WL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.501	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 19:04	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.501	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 19:04	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.501	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 19:04	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.501	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 19:04	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.501	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 19:04	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.501	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 19:04	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.501	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 19:04	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.501	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 19:04	WL
Surrogate Recoveries		Result	Acceptance Range							
Surrogate: M3PFBS		68.6 %	25-150							
Surrogate: M5PFHxA		78.6 %	25-150							
Surrogate: M4PFHpA		76.7 %	25-150							
Surrogate: M3PFHxS		62.6 %	25-150							
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)		86.7 %	25-150							
Surrogate: M6PFDA		65.0 %	25-150							



Sample Information

Client Sample ID: WC Comp 2 20210316

York Sample ID: 21C0750-17

York Project (SDG) No.
21C0750

Client Project ID
560909-Onekey

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March 16, 2021 9:40 am

Date Received
03/16/2021

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: M7PFUdA	57.9 %			25-150					
	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	60.9 %			25-150					
	Surrogate: M2PFTeDA	69.6 %			10-150					
	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	64.7 %			25-150					
	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	54.6 %			25-150					
	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	68.6 %			25-150					
	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	41.9 %			10-150					
	Surrogate: d3-N-MeFOSAA	42.5 %			25-150					
	Surrogate: d5-N-EtFOSAA	46.6 %			25-150					
	Surrogate: M2-6:2 FTS	71.0 %			25-150					
	Surrogate: M2-8:2 FTS	94.6 %			25-150					
	Surrogate: M9PFNA	89.5 %			25-150					

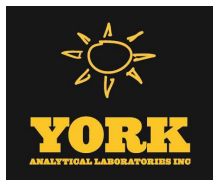
Pesticides, NYSDEC Part 375 Target List

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	03/16/2021 14:21	03/17/2021 04:04	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 04:04	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 04:04	CM
309-00-2	Aldrin	ND		ug/kg dry	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 04:04	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 04:04	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.73	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	03/16/2021 14:21	03/17/2021 04:04	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 04:04	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 04:04	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 04:04	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 04:04	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	03/16/2021 14:21	03/17/2021 04:04	CM



Sample Information

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York Project (SDG) No.
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March 16, 2021 9:40 am

Date Received
03/16/2021

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
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 04:04	CM
72-20-8	Endrin	ND		ug/kg dry	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 04:04	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 04:04	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 04:04	CM
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	89.6 %								
877-09-8	Surrogate: Tetrachloro-m-xylene	82.1 %								

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	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 12:24	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 12:24	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 12:24	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 12:24	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 12:24	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 12:24	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 12:24	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications:	03/16/2021 14:21	03/17/2021 12:24	BJ
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	66.0 %								
2051-24-3	Surrogate: Decachlorobiphenyl	46.0 %								

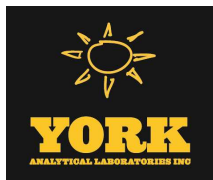
Herbicides, NYSDEC Part 375 Target List

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	21.0	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:45	03/17/2021 14:06	BJ
Surrogate Recoveries		Result		Acceptance Range						



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Date Received
03/16/2021

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
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	82.2 %			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	5.14		mg/kg dry	1.59	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 18:35	03/17/2021 14:24	WJM
7440-39-3	Barium	80.0		mg/kg dry	2.65	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 18:35	03/17/2021 14:24	WJM
7440-41-7	Beryllium	0.260		mg/kg dry	0.053	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 18:35	03/17/2021 14:24	WJM
7440-43-9	Cadmium	0.379		mg/kg dry	0.318	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 18:35	03/17/2021 14:24	WJM
7440-47-3	Chromium	17.8		mg/kg dry	0.529	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 18:35	03/17/2021 14:24	WJM
7440-50-8	Copper	32.0		mg/kg dry	2.12	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 18:35	03/17/2021 14:24	WJM
7439-92-1	Lead	29.8		mg/kg dry	0.529	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 18:35	03/17/2021 14:24	WJM
7439-96-5	Manganese	1010		mg/kg dry	0.529	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 18:35	03/17/2021 14:24	WJM
7440-02-0	Nickel	27.2		mg/kg dry	1.06	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 18:35	03/17/2021 14:24	WJM
7782-49-2	Selenium	ND		mg/kg dry	2.65	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 18:35	03/17/2021 14:24	WJM
7440-22-4	Silver	ND		mg/kg dry	0.529	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 18:35	03/17/2021 14:24	WJM
7440-66-6	Zinc	80.4		mg/kg dry	2.65	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 18:35	03/17/2021 14:24	WJM

Mercury by 7473

Log-in Notes:

Sample Notes:

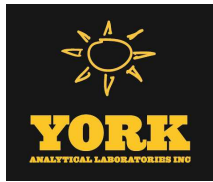
Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0654		mg/kg dry	0.0318	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	03/16/2021 23:04	03/17/2021 04:34	BML

Chromium, Hexavalent

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: WC Comp 2 20210316

York Sample ID: 21C0750-17

York Project (SDG) No.

21C0750

Client Project ID

560909-Onekey

Matrix

Soil

Collection Date/Time

March 16, 2021 9:40 am

Date Received

03/16/2021

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	03/17/2021 08:56	03/17/2021 19:14	ALH

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:	03/17/2021 15:36	03/17/2021 19:16	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	03/17/2021 08:41	03/17/2021 14:28	OT

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	03/17/2021 09:51	03/17/2021 15:45	OT

Sample Information

Client Sample ID: WC Comp 3 20210316

York Sample ID: 21C0750-18

York Project (SDG) No.

21C0750

Client Project ID

560909-Onekey

Matrix

Soil

Collection Date/Time

March 16, 2021 9:55 am

Date Received

03/16/2021

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	44.7	89.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 11:13	cd
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	89.3	178	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 11:13	cd
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	89.3	178	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 11:13	cd
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	44.7	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 11:13	cd



Sample Information

Client Sample ID: WC Comp 3 20210316

York Sample ID: 21C0750-18

York Project (SDG) No.
21C0750

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
March 16, 2021 9:55 am

Date Received
03/16/2021

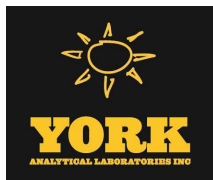
Semi-Volatiles, NYSDEC Part 375

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
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	44.7	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 11:13	cd
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	44.7	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 11:13	cd
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	44.7	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 11:13	cd
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	89.3	178	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 11:13	cd
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	44.7	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 11:13	cd
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	44.7	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 11:13	cd
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	44.7	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 11:13	cd
95-57-8	2-Chlorophenol	ND		ug/kg dry	44.7	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 11:13	cd
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	44.7	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 11:13	cd
95-48-7	2-Methylphenol	ND		ug/kg dry	44.7	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 11:13	cd
88-74-4	2-Nitroaniline	ND		ug/kg dry	89.3	178	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 11:13	cd
88-75-5	2-Nitrophenol	ND		ug/kg dry	44.7	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 11:13	cd
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	44.7	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 11:13	cd
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	44.7	89.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 11:13	cd
99-09-2	3-Nitroaniline	ND		ug/kg dry	89.3	178	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 11:13	cd
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	89.3	178	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 11:13	cd
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	44.7	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 11:13	cd
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	44.7	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 11:13	cd
106-47-8	4-Chloroaniline	ND		ug/kg dry	44.7	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 11:13	cd
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	44.7	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 11:13	cd
100-01-6	4-Nitroaniline	ND		ug/kg dry	89.3	178	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 11:13	cd
100-02-7	4-Nitrophenol	ND		ug/kg dry	89.3	178	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 11:13	cd
83-32-9	Acenaphthene	ND		ug/kg dry	44.7	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 11:13	cd



Sample Information

Client Sample ID: WC Comp 3 20210316

York Sample ID: 21C0750-18

York Project (SDG) No.
21C0750

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
March 16, 2021 9:55 am

Date Received
03/16/2021

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
208-96-8	Acenaphthylene	ND		ug/kg dry	44.7	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 11:13	cd
98-86-2	Acetophenone	ND		ug/kg dry	44.7	89.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 11:13	cd
120-12-7	Anthracene	ND		ug/kg dry	44.7	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 11:13	cd
1912-24-9	Atrazine	ND		ug/kg dry	44.7	89.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 11:13	cd
100-52-7	Benzaldehyde	ND		ug/kg dry	44.7	89.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 11:13	cd
56-55-3	Benzo(a)anthracene	97.0		ug/kg dry	44.7	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 11:13	cd
50-32-8	Benzo(a)pyrene	113		ug/kg dry	44.7	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 11:13	cd
205-99-2	Benzo(b)fluoranthene	95.6		ug/kg dry	44.7	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 11:13	cd
191-24-2	Benzo(g,h,i)perylene	89.2	J	ug/kg dry	44.7	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 11:13	cd
207-08-9	Benzo(k)fluoranthene	101		ug/kg dry	44.7	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 11:13	cd
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	44.7	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 11:13	cd
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	44.7	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 11:13	cd
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	44.7	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 11:13	cd
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	44.7	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 11:13	cd
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	44.7	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 11:13	cd
105-60-2	Caprolactam	ND		ug/kg dry	89.3	178	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 11:13	cd
86-74-8	Carbazole	ND		ug/kg dry	44.7	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 11:13	cd
218-01-9	Chrysene	106		ug/kg dry	44.7	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 11:13	cd
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	44.7	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 11:13	cd
132-64-9	Dibenzofuran	ND		ug/kg dry	44.7	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 11:13	cd
84-66-2	Diethyl phthalate	ND		ug/kg dry	44.7	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 11:13	cd
131-11-3	Dimethyl phthalate	ND		ug/kg dry	44.7	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 11:13	cd
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	44.7	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 11:13	cd



Sample Information

Client Sample ID: WC Comp 3 20210316

York Sample ID: 21C0750-18

York Project (SDG) No.
21C0750

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
March 16, 2021 9:55 am

Date Received
03/16/2021

Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

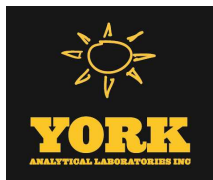
Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	44.7	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 11:13	cd
206-44-0	Fluoranthene	156		ug/kg dry	44.7	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 11:13	cd
86-73-7	Fluorene	ND		ug/kg dry	44.7	89.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 11:13	cd
118-74-1	Hexachlorobenzene	ND		ug/kg dry	44.7	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 11:13	cd
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	44.7	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 11:13	cd
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	44.7	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 11:13	cd
67-72-1	Hexachloroethane	ND		ug/kg dry	44.7	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 11:13	cd
193-39-5	Indeno(1,2,3-cd)pyrene	69.2	J	ug/kg dry	44.7	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 11:13	cd
78-59-1	Isophorone	ND		ug/kg dry	44.7	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 11:13	cd
91-20-3	Naphthalene	ND		ug/kg dry	44.7	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 11:13	cd
98-95-3	Nitrobenzene	ND		ug/kg dry	44.7	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 11:13	cd
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	44.7	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 11:13	cd
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	44.7	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 11:13	cd
87-86-5	Pentachlorophenol	ND		ug/kg dry	44.7	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 11:13	cd
85-01-8	Phenanthrene	64.9	J	ug/kg dry	44.7	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 11:13	cd
108-95-2	Phenol	ND		ug/kg dry	44.7	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 11:13	cd
129-00-0	Pyrene	145		ug/kg dry	44.7	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 11:13	cd
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	62.3 %	30-130								
4165-62-2	Surrogate: SURR: Phenol-d5	60.4 %	30-130								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	61.9 %	30-130								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	66.6 %	30-130								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	96.7 %	30-130								
1718-51-0	Surrogate: SURR: Terphenyl-d14	97.8 %	30-130								

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

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: WC Comp 3 20210316

York Sample ID: 21C0750-18

York Project (SDG) No.
21C0750

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
March 16, 2021 9:55 am

Date Received
03/16/2021

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
123-91-1	1,4-Dioxane	ND		ug/kg	9.90	1	EPA 8270D SIM Certifications: NELAC-NY10854	03/17/2021 06:44	03/17/2021 12:16	KH
Surrogate Recoveries		Result		Acceptance Range						
17647-74-4	Surrogate: 1,4-Dioxane-d8	48.0 %		39-127.5						

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	0.527	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 20:33	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.527	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 20:33	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.527	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 20:33	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.527	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 20:33	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.527	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 20:33	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.527	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 20:33	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.527	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 20:33	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.527	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 20:33	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.527	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 20:33	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.527	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 20:33	WL
72629-94-8	* Perfluorotridecanoic acid (PFTriDA)	ND		ug/kg dry	0.527	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 20:33	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.527	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 20:33	WL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.527	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 20:33	WL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.527	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 20:33	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.527	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 20:33	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.527	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 20:33	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.527	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 20:33	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.527	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 20:33	WL



Sample Information

Client Sample ID: WC Comp 3 20210316

York Sample ID: 21C0750-18

York Project (SDG) No.
21C0750

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
March 16, 2021 9:55 am

Date Received
03/16/2021

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
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.527	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 20:33	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.527	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 20:33	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.527	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 20:33	WL
Surrogate Recoveries		Result		Acceptance Range						
Surrogate: M3PFBS		74.8 %		25-150						
Surrogate: M5PFHxA		89.1 %		25-150						
Surrogate: M4PFHpA		78.7 %		25-150						
Surrogate: M3PFHxS		65.6 %		25-150						
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)		89.9 %		25-150						
Surrogate: M6PFDA		76.5 %		25-150						
Surrogate: M7PFUDA		64.1 %		25-150						
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)		69.2 %		25-150						
Surrogate: M2PFTeDA		72.4 %		10-150						
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)		70.1 %		25-150						
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)		61.8 %		25-150						
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)		75.5 %		25-150						
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)		40.7 %		10-150						
Surrogate: d3-N-MeFOSAA		52.2 %		25-150						
Surrogate: d5-N-EtFOSAA		54.0 %		25-150						
Surrogate: M2-6:2 FTS		71.8 %		25-150						
Surrogate: M2-8:2 FTS		129 %		25-150						
Surrogate: M9PFNA		93.8 %		25-150						

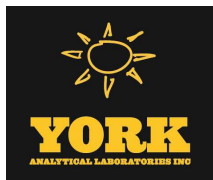
Pesticides, NYSDEC Part 375 Target List

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	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 04:21	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 04:21	CM



Sample Information

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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
50-29-3	4,4'-DDT	ND		ug/kg dry	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 04:21	CM
309-00-2	Aldrin	ND		ug/kg dry	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 04:21	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 04:21	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.77	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	03/16/2021 14:21	03/17/2021 04:21	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 04:21	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 04:21	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 04:21	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 04:21	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	03/16/2021 14:21	03/17/2021 04:21	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 04:21	CM
72-20-8	Endrin	ND		ug/kg dry	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 04:21	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 04:21	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 04:21	CM
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	100 %		30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	95.1 %		30-150						

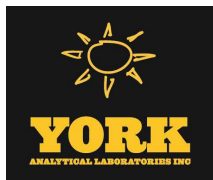
Polychlorinated Biphenyls (PCB)

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	0.0178	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 12:38	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 12:38	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 12:38	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 12:38	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 12:38	BJ



Sample Information

Client Sample ID: WC Comp 3 20210316

York Sample ID: 21C0750-18

York Project (SDG) No.
21C0750

Client Project ID
560909-Onekey

Matrix
Soil

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March 16, 2021 9:55 am

Date Received
03/16/2021

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
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 12:38	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 12:38	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications:	03/16/2021 14:21	03/17/2021 12:38	BJ
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	71.0 %		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	21.1	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:45	03/17/2021 14:17	BJ
Surrogate Recoveries		Result		Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	87.0 %		21-150						

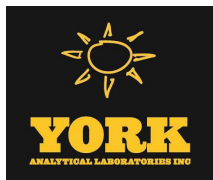
Metals, NYSDEC Part 375

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	5.66		mg/kg dry	1.62	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 18:35	03/17/2021 14:26	WJM
7440-39-3	Barium	76.4		mg/kg dry	2.69	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 18:35	03/17/2021 14:26	WJM
7440-41-7	Beryllium	0.145		mg/kg dry	0.054	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 18:35	03/17/2021 14:26	WJM
7440-43-9	Cadmium	0.390		mg/kg dry	0.323	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 18:35	03/17/2021 14:26	WJM
7440-47-3	Chromium	17.7		mg/kg dry	0.539	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 18:35	03/17/2021 14:26	WJM
7440-50-8	Copper	33.8		mg/kg dry	2.15	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 18:35	03/17/2021 14:26	WJM
7439-92-1	Lead	36.6		mg/kg dry	0.539	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 18:35	03/17/2021 14:26	WJM
7439-96-5	Manganese	654		mg/kg dry	0.539	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 18:35	03/17/2021 14:26	WJM
7440-02-0	Nickel	24.1		mg/kg dry	1.08	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 18:35	03/17/2021 14:26	WJM



Sample Information

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March 16, 2021 9:55 am

Date Received
03/16/2021

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
7782-49-2	Selenium	ND		mg/kg dry	2.69	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 18:35	03/17/2021 14:26	WJM
7440-22-4	Silver	ND		mg/kg dry	0.539	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 18:35	03/17/2021 14:26	WJM
7440-66-6	Zinc	84.0		mg/kg dry	2.69	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 18:35	03/17/2021 14:26	WJM

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	0.0739		mg/kg dry	0.0323	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	03/16/2021 23:04	03/17/2021 04:43	BML

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	0.539	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	03/17/2021 08:56	03/17/2021 19:14	ALH

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	17.7		mg/kg	0.500	1	Calculation Certifications:	03/17/2021 15:36	03/17/2021 19:16	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	0.539	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2021 08:41	03/17/2021 14:28	OT

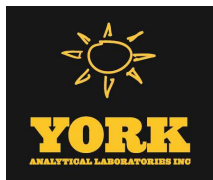
Total Solids

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	92.8		%	0.100	1	SM 2540G Certifications: CTDOH	03/17/2021 09:51	03/17/2021 15:45	OT



Sample Information

Client Sample ID: WC Comp 4 20210316

York Sample ID: 21C0750-19

York Project (SDG) No.
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March 16, 2021 10:10 am

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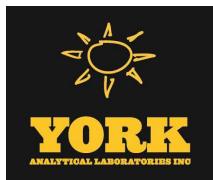
Semi-Volatiles, NYSDEC Part 375

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
92-52-4	1,1-Biphenyl	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:21	cd
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	88.4	177	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:21	cd
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	88.4	177	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:21	cd
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:21	cd
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:21	cd
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:21	cd
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:21	cd
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	88.4	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:21	cd
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:21	cd
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:21	cd
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:21	cd
95-57-8	2-Chlorophenol	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:21	cd
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:21	cd
95-48-7	2-Methylphenol	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:21	cd
88-74-4	2-Nitroaniline	ND		ug/kg dry	88.4	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:21	cd
88-75-5	2-Nitrophenol	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:21	cd
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:21	cd
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:21	cd
99-09-2	3-Nitroaniline	ND		ug/kg dry	88.4	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:21	cd
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	88.4	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:21	cd
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:21	cd
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:21	cd
106-47-8	4-Chloroaniline	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:21	cd



Sample Information

Client Sample ID: WC Comp 4 20210316

York Sample ID: 21C0750-19

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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	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:21	cd
100-01-6	4-Nitroaniline	ND		ug/kg dry	88.4	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:21	cd
100-02-7	4-Nitrophenol	ND		ug/kg dry	88.4	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:21	cd
83-32-9	Acenaphthene	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:21	cd
208-96-8	Acenaphthylene	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:21	cd
98-86-2	Acetophenone	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:21	cd
120-12-7	Anthracene	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:21	cd
1912-24-9	Atrazine	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:21	cd
100-52-7	Benzaldehyde	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:21	cd
56-55-3	Benzo(a)anthracene	126		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:21	cd
50-32-8	Benzo(a)pyrene	141		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:21	cd
205-99-2	Benzo(b)fluoranthene	118		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:21	cd
191-24-2	Benzo(g,h,i)perylene	110		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:21	cd
207-08-9	Benzo(k)fluoranthene	124		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:21	cd
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:21	cd
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:21	cd
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:21	cd
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:21	cd
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:21	cd
105-60-2	Caprolactam	ND		ug/kg dry	88.4	177	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:21	cd
86-74-8	Carbazole	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:21	cd
218-01-9	Chrysene	135		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:21	cd
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:21	cd



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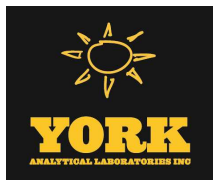
Semi-Volatiles, NYSDEC Part 375

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	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:21	cd
84-66-2	Diethyl phthalate	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:21	cd
131-11-3	Dimethyl phthalate	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:21	cd
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:21	cd
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:21	cd
206-44-0	Fluoranthene	211		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:21	cd
86-73-7	Fluorene	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:21	cd
118-74-1	Hexachlorobenzene	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:21	cd
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:21	cd
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:21	cd
67-72-1	Hexachloroethane	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:21	cd
193-39-5	Indeno(1,2,3-cd)pyrene	79.1	J	ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:21	cd
78-59-1	Isophorone	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:21	cd
91-20-3	Naphthalene	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:21	cd
98-95-3	Nitrobenzene	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:21	cd
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:21	cd
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:21	cd
87-86-5	Pentachlorophenol	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:21	cd
85-01-8	Phenanthrene	84.1	J	ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:21	cd
108-95-2	Phenol	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:21	cd
129-00-0	Pyrene	201		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:21	cd
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	77.0 %	30-130								
4165-62-2	Surrogate: SURR: Phenol-d5	73.9 %	30-130								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	77.0 %	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	81.4 %			30-130						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	102 %			30-130						
1718-51-0	Surrogate: SURR: Terphenyl-d14	109 %			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	03/17/2021 06:44	03/17/2021 12:34	KH
Surrogate Recoveries		Result		Acceptance Range						
17647-74-4	Surrogate: 1,4-Dioxane-d8	56.0 %		39-127.5						

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	0.513	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 20:55	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.513	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 20:55	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.513	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 20:55	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.513	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 20:55	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.513	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 20:55	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.513	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 20:55	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.513	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 20:55	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.513	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 20:55	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.513	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 20:55	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.513	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 20:55	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.513	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 20:55	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.513	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 20:55	WL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.513	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 20:55	WL



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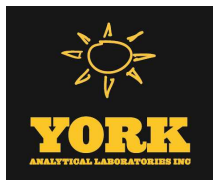
PFAS, NYSDEC Target List

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
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.513	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 20:55	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.513	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 20:55	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.513	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 20:55	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.513	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 20:55	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.513	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 20:55	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.513	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 20:55	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.513	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 20:55	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.513	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 20:55	WL
Surrogate Recoveries		Result	Acceptance Range							
Surrogate: M3PFBS		66.1 %	25-150							
Surrogate: M5PFHxA		78.4 %	25-150							
Surrogate: M4PFHpA		72.3 %	25-150							
Surrogate: M3PFHxS		62.0 %	25-150							
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)		85.9 %	25-150							
Surrogate: M6PFDA		74.7 %	25-150							
Surrogate: M7PFUdA		56.6 %	25-150							
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)		62.5 %	25-150							
Surrogate: M2PFTeDA		63.7 %	10-150							
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)		66.3 %	25-150							
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)		63.2 %	25-150							
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)		70.0 %	25-150							
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)		39.6 %	10-150							
Surrogate: d3-N-MeFOSAA		46.6 %	25-150							
Surrogate: d5-N-EtFOSAA		45.8 %	25-150							
Surrogate: M2-6:2 FTS		62.8 %	25-150							
Surrogate: M2-8:2 FTS		110 %	25-150							
Surrogate: M9PFNA		80.5 %	25-150							



Sample Information

Client Sample ID: WC Comp 4 20210316

York Sample ID: 21C0750-19

York Project (SDG) No.
21C0750

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
March 16, 2021 10:10 am

Date Received
03/16/2021

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
72-54-8	4,4'-DDD	ND		ug/kg dry	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 04:38	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 04:38	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 04:38	CM
309-00-2	Aldrin	ND		ug/kg dry	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 04:38	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 04:38	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.75	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	03/16/2021 14:21	03/17/2021 04:38	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 04:38	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 04:38	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 04:38	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 04:38	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	03/16/2021 14:21	03/17/2021 04:38	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 04:38	CM
72-20-8	Endrin	ND		ug/kg dry	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 04:38	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 04:38	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 04:38	CM
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	98.4 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	91.4 %	30-150							

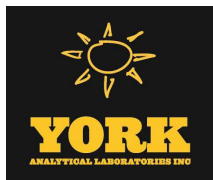
Polychlorinated Biphenyls (PCB)

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	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 12:52	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 12:52	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 12:52	BJ



Sample Information

Client Sample ID: WC Comp 4 20210316

York Sample ID: 21C0750-19

York Project (SDG) No.
21C0750

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
March 16, 2021 10:10 am

Date Received
03/16/2021

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
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 12:52	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 12:52	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 12:52	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 12:52	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications:	03/16/2021 14:21	03/17/2021 12:52	BJ
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	67.5 %		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	21.1	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:45	03/17/2021 14:28	BJ
Surrogate Recoveries		Result		Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	75.2 %		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	10.8		mg/kg dry	1.60	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 18:35	03/17/2021 14:29	WJM
7440-39-3	Barium	71.0		mg/kg dry	2.67	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 18:35	03/17/2021 14:29	WJM
7440-41-7	Beryllium	0.890		mg/kg dry	0.053	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 18:35	03/17/2021 14:29	WJM
7440-43-9	Cadmium	0.427		mg/kg dry	0.320	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 18:35	03/17/2021 14:29	WJM
7440-47-3	Chromium	15.3		mg/kg dry	0.533	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 18:35	03/17/2021 14:29	WJM
7440-50-8	Copper	29.9		mg/kg dry	2.13	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 18:35	03/17/2021 14:29	WJM
7439-92-1	Lead	32.6		mg/kg dry	0.533	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 18:35	03/17/2021 14:29	WJM



Sample Information

Client Sample ID: WC Comp 4 20210316

York Sample ID: 21C0750-19

York Project (SDG) No.
21C0750

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
March 16, 2021 10:10 am

Date Received
03/16/2021

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
7439-96-5	Manganese	638		mg/kg dry	0.533	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 18:35	03/17/2021 14:29	WJM
7440-02-0	Nickel	21.1		mg/kg dry	1.07	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 18:35	03/17/2021 14:29	WJM
7782-49-2	Selenium	ND		mg/kg dry	2.67	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 18:35	03/17/2021 14:29	WJM
7440-22-4	Silver	ND		mg/kg dry	0.533	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 18:35	03/17/2021 14:29	WJM
7440-66-6	Zinc	74.1		mg/kg dry	2.67	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 18:35	03/17/2021 14:29	WJM

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	0.0320	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	03/16/2021 23:04	03/17/2021 04:52	BML

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	0.533	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	03/17/2021 08:56	03/17/2021 19:14	ALH

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	15.3		mg/kg	0.500	1	Calculation Certifications:	03/17/2021 15:36	03/17/2021 19:16	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	0.533	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2021 08:41	03/17/2021 14:28	OT

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
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Sample Information

Client Sample ID: WC Comp 4 20210316

York Sample ID: 21C0750-19

York Project (SDG) No.
21C0750

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
March 16, 2021 10:10 am

Date Received
03/16/2021

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	93.7		%	0.100	1	SM 2540G Certifications: CTDH	03/17/2021 09:51	03/17/2021 15:45	OT

Sample Information

Client Sample ID: WC Comp 5 20210316

York Sample ID: 21C0750-20

York Project (SDG) No.
21C0750

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
March 16, 2021 10:25 am

Date Received
03/16/2021

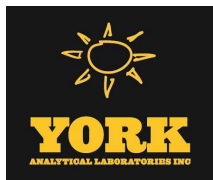
Semi-Volatiles, NYSDEC Part 375

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	44.0	87.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:54	cd
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	87.8	175	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:54	cd
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	87.8	175	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:54	cd
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	44.0	87.8	2	EPA 8270D Certifications: CTDH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:54	cd
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	44.0	87.8	2	EPA 8270D Certifications: CTDH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:54	cd
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	44.0	87.8	2	EPA 8270D Certifications: CTDH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:54	cd
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	44.0	87.8	2	EPA 8270D Certifications: CTDH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:54	cd
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	87.8	175	2	EPA 8270D Certifications: CTDH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:54	cd
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	44.0	87.8	2	EPA 8270D Certifications: CTDH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:54	cd
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	44.0	87.8	2	EPA 8270D Certifications: CTDH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:54	cd
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	44.0	87.8	2	EPA 8270D Certifications: CTDH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:54	cd
95-57-8	2-Chlorophenol	ND		ug/kg dry	44.0	87.8	2	EPA 8270D Certifications: CTDH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:54	cd
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	44.0	87.8	2	EPA 8270D Certifications: CTDH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:54	cd
95-48-7	2-Methylphenol	ND		ug/kg dry	44.0	87.8	2	EPA 8270D Certifications: CTDH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:54	cd



Sample Information

Client Sample ID: WC Comp 5 20210316

York Sample ID: 21C0750-20

York Project (SDG) No.
21C0750

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
March 16, 2021 10:25 am

Date Received
03/16/2021

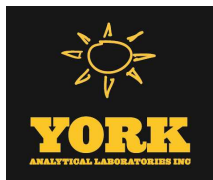
Semi-Volatiles, NYSDEC Part 375

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	87.8	175	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:54	cd
88-75-5	2-Nitrophenol	ND		ug/kg dry	44.0	87.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:54	cd
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	44.0	87.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:54	cd
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	44.0	87.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:54	cd
99-09-2	3-Nitroaniline	ND		ug/kg dry	87.8	175	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:54	cd
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	87.8	175	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:54	cd
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	44.0	87.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:54	cd
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	44.0	87.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:54	cd
106-47-8	4-Chloroaniline	ND		ug/kg dry	44.0	87.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:54	cd
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	44.0	87.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:54	cd
100-01-6	4-Nitroaniline	ND		ug/kg dry	87.8	175	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:54	cd
100-02-7	4-Nitrophenol	ND		ug/kg dry	87.8	175	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:54	cd
83-32-9	Acenaphthene	ND		ug/kg dry	44.0	87.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:54	cd
208-96-8	Acenaphthylene	ND		ug/kg dry	44.0	87.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:54	cd
98-86-2	Acetophenone	ND		ug/kg dry	44.0	87.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:54	cd
120-12-7	Anthracene	ND		ug/kg dry	44.0	87.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:54	cd
1912-24-9	Atrazine	ND		ug/kg dry	44.0	87.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:54	cd
100-52-7	Benzaldehyde	ND		ug/kg dry	44.0	87.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:54	cd
56-55-3	Benzo(a)anthracene	167		ug/kg dry	44.0	87.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:54	cd
50-32-8	Benzo(a)pyrene	182		ug/kg dry	44.0	87.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:54	cd
205-99-2	Benzo(b)fluoranthene	144		ug/kg dry	44.0	87.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:54	cd
191-24-2	Benzo(g,h,i)perylene	128		ug/kg dry	44.0	87.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:54	cd
207-08-9	Benzo(k)fluoranthene	163		ug/kg dry	44.0	87.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:54	cd



Sample Information

Client Sample ID: WC Comp 5 20210316

York Sample ID: 21C0750-20

York Project (SDG) No.
21C0750

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March 16, 2021 10:25 am

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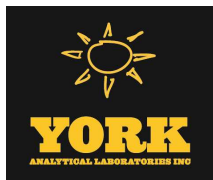
Semi-Volatiles, NYSDEC Part 375

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
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	44.0	87.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:54	cd
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	44.0	87.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:54	cd
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	44.0	87.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:54	cd
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	44.0	87.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:54	cd
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	44.0	87.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:54	cd
105-60-2	Caprolactam	ND		ug/kg dry	87.8	175	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:54	cd
86-74-8	Carbazole	ND		ug/kg dry	44.0	87.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:54	cd
218-01-9	Chrysene	166		ug/kg dry	44.0	87.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:54	cd
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	44.0	87.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:54	cd
132-64-9	Dibenzofuran	ND		ug/kg dry	44.0	87.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:54	cd
84-66-2	Diethyl phthalate	ND		ug/kg dry	44.0	87.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:54	cd
131-11-3	Dimethyl phthalate	ND		ug/kg dry	44.0	87.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:54	cd
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	44.0	87.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:54	cd
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	44.0	87.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:54	cd
206-44-0	Fluoranthene	276		ug/kg dry	44.0	87.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:54	cd
86-73-7	Fluorene	ND		ug/kg dry	44.0	87.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:54	cd
118-74-1	Hexachlorobenzene	ND		ug/kg dry	44.0	87.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:54	cd
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	44.0	87.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:54	cd
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	44.0	87.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:54	cd
67-72-1	Hexachloroethane	ND		ug/kg dry	44.0	87.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:54	cd
193-39-5	Indeno(1,2,3-cd)pyrene	102		ug/kg dry	44.0	87.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:54	cd
78-59-1	Isophorone	ND		ug/kg dry	44.0	87.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:54	cd
91-20-3	Naphthalene	ND		ug/kg dry	44.0	87.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:54	cd



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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	44.0	87.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:54	cd
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	44.0	87.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:54	cd
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	44.0	87.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:54	cd
87-86-5	Pentachlorophenol	ND		ug/kg dry	44.0	87.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:54	cd
85-01-8	Phenanthrene	138		ug/kg dry	44.0	87.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:54	cd
108-95-2	Phenol	ND		ug/kg dry	44.0	87.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:54	cd
129-00-0	Pyrene	266		ug/kg dry	44.0	87.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 12:54	cd
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	75.4 %	30-130								
4165-62-2	Surrogate: SURR: Phenol-d5	72.9 %	30-130								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	73.9 %	30-130								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	81.0 %	30-130								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	107 %	30-130								
1718-51-0	Surrogate: SURR: Terphenyl-d14	115 %	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	9.71	1	EPA 8270D SIM Certifications: NELAC-NY10854	03/17/2021 06:44	03/17/2021 12:52	KH
Surrogate Recoveries			Result	Acceptance Range							
17647-74-4	Surrogate: 1,4-Dioxane-d8		52.0 %	39-127.5							

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	0.516	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 21:18	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.516	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 21:18	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.516	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 21:18	WL



Sample Information

Client Sample ID: WC Comp 5 20210316

York Sample ID: 21C0750-20

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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
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.516	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 21:18	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.516	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 21:18	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.516	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 21:18	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.516	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 21:18	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.516	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 21:18	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.516	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 21:18	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.516	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 21:18	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.516	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 21:18	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.516	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 21:18	WL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.516	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 21:18	WL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.516	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 21:18	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.516	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 21:18	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.516	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 21:18	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.516	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 21:18	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.516	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 21:18	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.516	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 21:18	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.516	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 21:18	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.516	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 21:18	WL
Surrogate Recoveries		Result	Acceptance Range							
Surrogate: M3PFBS		70.6 %	25-150							
Surrogate: M5PFHxA		82.8 %	25-150							
Surrogate: M4PFHpA		76.9 %	25-150							
Surrogate: M3PFHxS		65.0 %	25-150							
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)		85.8 %	25-150							
Surrogate: M6PFDA		75.2 %	25-150							



Sample Information

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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: M7PFUdA	63.6 %			25-150					
	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	67.2 %			25-150					
	Surrogate: M2PFTeDA	69.4 %			10-150					
	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	68.3 %			25-150					
	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	60.0 %			25-150					
	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	73.0 %			25-150					
	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	42.8 %			10-150					
	Surrogate: d3-N-MeFOSAA	46.9 %			25-150					
	Surrogate: d5-N-EtFOSAA	55.6 %			25-150					
	Surrogate: M2-6:2 FTS	79.7 %			25-150					
	Surrogate: M2-8:2 FTS	80.4 %			25-150					
	Surrogate: M9PFNA	90.6 %			25-150					

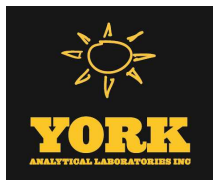
Pesticides, NYSDEC Part 375 Target List

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	03/16/2021 14:21	03/17/2021 04:54	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 04:54	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 04:54	CM
309-00-2	Aldrin	ND		ug/kg dry	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 04:54	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 04:54	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.73	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	03/16/2021 14:21	03/17/2021 04:54	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 04:54	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 04:54	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 04:54	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 04:54	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	03/16/2021 14:21	03/17/2021 04:54	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
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 04:54	CM
72-20-8	Endrin	ND		ug/kg dry	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 04:54	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 04:54	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 04:54	CM
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	84.0 %								
877-09-8	Surrogate: Tetrachloro-m-xylene	76.5 %								

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	03/16/2021 14:21	03/17/2021 13:05	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 13:05	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 13:05	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 13:05	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 13:05	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 13:05	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 13:05	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications:	03/16/2021 14:21	03/17/2021 13:05	BJ
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	61.5 %								
2051-24-3	Surrogate: Decachlorobiphenyl	46.5 %								

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	20.7	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:45	03/17/2021 14:39	BJ
Surrogate Recoveries		Result		Acceptance Range						



Sample Information

Client Sample ID: WC Comp 5 20210316

York Sample ID: 21C0750-20

York Project (SDG) No.
21C0750

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
March 16, 2021 10:25 am

Date Received
03/16/2021

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
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	81.8 %			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	6.42		mg/kg dry	1.59	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 18:35	03/17/2021 14:32	WJM
7440-39-3	Barium	75.6		mg/kg dry	2.65	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 18:35	03/17/2021 14:32	WJM
7440-41-7	Beryllium	0.244		mg/kg dry	0.053	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 18:35	03/17/2021 14:32	WJM
7440-43-9	Cadmium	0.380		mg/kg dry	0.318	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 18:35	03/17/2021 14:32	WJM
7440-47-3	Chromium	18.1		mg/kg dry	0.530	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 18:35	03/17/2021 14:32	WJM
7440-50-8	Copper	35.3		mg/kg dry	2.12	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 18:35	03/17/2021 14:32	WJM
7439-92-1	Lead	39.8		mg/kg dry	0.530	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 18:35	03/17/2021 14:32	WJM
7439-96-5	Manganese	717		mg/kg dry	0.530	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 18:35	03/17/2021 14:32	WJM
7440-02-0	Nickel	26.2		mg/kg dry	1.06	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 18:35	03/17/2021 14:32	WJM
7782-49-2	Selenium	ND		mg/kg dry	2.65	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 18:35	03/17/2021 14:32	WJM
7440-22-4	Silver	ND		mg/kg dry	0.530	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 18:35	03/17/2021 14:32	WJM
7440-66-6	Zinc	87.3		mg/kg dry	2.65	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 18:35	03/17/2021 14:32	WJM

Mercury by 7473

Log-in Notes:

Sample Notes:

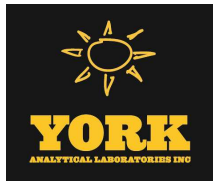
Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0854		mg/kg dry	0.0318	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	03/16/2021 23:04	03/17/2021 05:20	BML

Chromium, Hexavalent

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: WC Comp 5 20210316

York Sample ID: 21C0750-20

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
21C0750	560909-Onekey	Soil	March 16, 2021 10:25 am	03/16/2021

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	0.530	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	03/17/2021 08:56	03/17/2021 19:14	ALH

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:	03/17/2021 15:36	03/17/2021 19:16	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	0.530	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2021 08:41	03/17/2021 14:28	OT

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	03/17/2021 09:51	03/17/2021 15:45	OT

Sample Information

Client Sample ID: WC Comp 6 20210316

York Sample ID: 21C0750-21

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
21C0750	560909-Onekey	Soil	March 16, 2021 10:05 am	03/16/2021

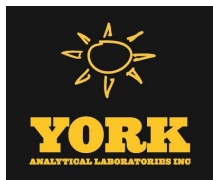
Semi-Volatiles, NYSDEC Part 375

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	46.6	92.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 13:26	cd
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	92.9	186	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 13:26	cd
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	92.9	186	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 13:26	cd
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 13:26	cd



Sample Information

Client Sample ID: WC Comp 6 20210316

York Sample ID: 21C0750-21

York Project (SDG) No.
21C0750

Client Project ID
560909-Onekey

Matrix
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Collection Date/Time
March 16, 2021 10:05 am

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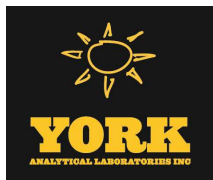
Semi-Volatiles, NYSDEC Part 375

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
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 13:26	cd
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 13:26	cd
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 13:26	cd
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	92.9	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 13:26	cd
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 13:26	cd
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 13:26	cd
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 13:26	cd
95-57-8	2-Chlorophenol	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 13:26	cd
91-57-6	2-Methylnaphthalene	57.2	J	ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 13:26	cd
95-48-7	2-Methylphenol	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 13:26	cd
88-74-4	2-Nitroaniline	ND		ug/kg dry	92.9	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 13:26	cd
88-75-5	2-Nitrophenol	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 13:26	cd
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 13:26	cd
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 13:26	cd
99-09-2	3-Nitroaniline	ND		ug/kg dry	92.9	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 13:26	cd
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	92.9	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 13:26	cd
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 13:26	cd
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 13:26	cd
106-47-8	4-Chloroaniline	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 13:26	cd
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 13:26	cd
100-01-6	4-Nitroaniline	ND		ug/kg dry	92.9	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 13:26	cd
100-02-7	4-Nitrophenol	ND		ug/kg dry	92.9	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 13:26	cd
83-32-9	Acenaphthene	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 13:26	cd



Sample Information

Client Sample ID: WC Comp 6 20210316

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21C0750

Client Project ID
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Collection Date/Time
March 16, 2021 10:05 am

Date Received
03/16/2021

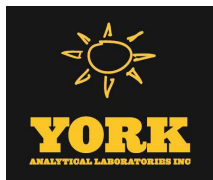
Semi-Volatiles, NYSDEC Part 375

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
208-96-8	Acenaphthylene	88.4	J	ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 13:26	cd
98-86-2	Acetophenone	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 13:26	cd
120-12-7	Anthracene	88.4	J	ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 13:26	cd
1912-24-9	Atrazine	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 13:26	cd
100-52-7	Benzaldehyde	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 13:26	cd
56-55-3	Benzo(a)anthracene	340		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 13:26	cd
50-32-8	Benzo(a)pyrene	324		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 13:26	cd
205-99-2	Benzo(b)fluoranthene	237		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 13:26	cd
191-24-2	Benzo(g,h,i)perylene	187		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 13:26	cd
207-08-9	Benzo(k)fluoranthene	284		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 13:26	cd
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 13:26	cd
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 13:26	cd
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 13:26	cd
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 13:26	cd
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 13:26	cd
105-60-2	Caprolactam	ND		ug/kg dry	92.9	186	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 13:26	cd
86-74-8	Carbazole	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 13:26	cd
218-01-9	Chrysene	377		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 13:26	cd
53-70-3	Dibenzo(a,h)anthracene	55.7	J	ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 13:26	cd
132-64-9	Dibenzofuran	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 13:26	cd
84-66-2	Diethyl phthalate	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 13:26	cd
131-11-3	Dimethyl phthalate	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 13:26	cd
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 13:26	cd



Sample Information

Client Sample ID: WC Comp 6 20210316

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560909-Onekey

Matrix
Soil

Collection Date/Time
March 16, 2021 10:05 am

Date Received
03/16/2021

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
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 13:26	cd
206-44-0	Fluoranthene	578		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 13:26	cd
86-73-7	Fluorene	76.5	J	ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 13:26	cd
118-74-1	Hexachlorobenzene	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 13:26	cd
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 13:26	cd
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 13:26	cd
67-72-1	Hexachloroethane	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 13:26	cd
193-39-5	Indeno(1,2,3-cd)pyrene	160		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 13:26	cd
78-59-1	Isophorone	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 13:26	cd
91-20-3	Naphthalene	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 13:26	cd
98-95-3	Nitrobenzene	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 13:26	cd
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 13:26	cd
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 13:26	cd
87-86-5	Pentachlorophenol	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 13:26	cd
85-01-8	Phenanthrene	559		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 13:26	cd
108-95-2	Phenol	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 13:26	cd
129-00-0	Pyrene	703		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:03	03/17/2021 13:26	cd

Surrogate Recoveries		Result	Acceptance Range
367-12-4	Surrogate: SURR: 2-Fluorophenol	75.1 %	30-130
4165-62-2	Surrogate: SURR: Phenol-d5	71.6 %	30-130
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	76.0 %	30-130
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	79.2 %	30-130
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	100 %	30-130
1718-51-0	Surrogate: SURR: Terphenyl-d14	106 %	30-130

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

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: WC Comp 6 20210316

York Sample ID: 21C0750-21

York Project (SDG) No.
21C0750

Client Project ID
560909-Onekey

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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
123-91-1	1,4-Dioxane	ND		ug/kg	9.52	1	EPA 8270D SIM Certifications: NELAC-NY10854	03/17/2021 06:44	03/17/2021 13:11	KH
Surrogate Recoveries		Result		Acceptance Range						
17647-74-4	Surrogate: 1,4-Dioxane-d8	54.0 %		39-127.5						

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	0.554	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 21:40	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.554	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 21:40	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.554	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 21:40	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.554	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 21:40	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.554	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 21:40	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.554	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 21:40	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.554	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 21:40	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.554	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 21:40	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.554	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 21:40	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.554	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 21:40	WL
72629-94-8	* Perfluorotridecanoic acid (PFTriDA)	ND		ug/kg dry	0.554	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 21:40	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.554	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 21:40	WL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.554	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 21:40	WL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.554	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 21:40	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.554	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 21:40	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.554	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 21:40	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.554	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 21:40	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.554	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 21:40	WL



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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
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.554	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 21:40	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.554	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 21:40	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.554	1	EPA 537m Certifications:	03/17/2021 11:28	03/18/2021 21:40	WL
Surrogate Recoveries		Result	Acceptance Range							
Surrogate: M3PFBS		65.5 %	25-150							
Surrogate: M5PFHxA		79.6 %	25-150							
Surrogate: M4PFHpA		71.2 %	25-150							
Surrogate: M3PFHxS		60.6 %	25-150							
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)		84.8 %	25-150							
Surrogate: M6PFDA		69.8 %	25-150							
Surrogate: M7PFUdA		58.0 %	25-150							
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)		69.9 %	25-150							
Surrogate: M2PFTeDA		70.1 %	10-150							
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)		65.1 %	25-150							
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)		57.6 %	25-150							
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)		69.4 %	25-150							
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)		40.7 %	10-150							
Surrogate: d3-N-MeFOSAA		48.7 %	25-150							
Surrogate: d5-N-EtFOSAA		46.7 %	25-150							
Surrogate: M2-6:2 FTS		69.2 %	25-150							
Surrogate: M2-8:2 FTS		97.4 %	25-150							
Surrogate: M9PFNA		86.1 %	25-150							

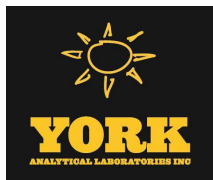
Pesticides, NYSDEC Part 375 Target List

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	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 05:10	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 05:10	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
50-29-3	4,4'-DDT	ND		ug/kg dry	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 05:10	CM
309-00-2	Aldrin	ND		ug/kg dry	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 05:10	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 05:10	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.83	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	03/16/2021 14:21	03/17/2021 05:10	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 05:10	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 05:10	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 05:10	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 05:10	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	03/16/2021 14:21	03/17/2021 05:10	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 05:10	CM
72-20-8	Endrin	ND		ug/kg dry	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 05:10	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 05:10	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 05:10	CM
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	97.7 %		30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	88.0 %		30-150						

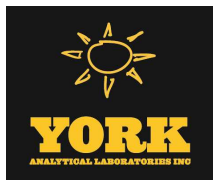
Polychlorinated Biphenyls (PCB)

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	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 13:19	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 13:19	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 13:19	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 13:19	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 13:19	BJ



Sample Information

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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
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 13:19	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/16/2021 14:21	03/17/2021 13:19	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications:	03/16/2021 14:21	03/17/2021 13:19	BJ
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	72.0 %		30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	57.5 %		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	22.3	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2021 06:45	03/17/2021 14:49	BJ
Surrogate Recoveries		Result		Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	75.4 %		21-150						

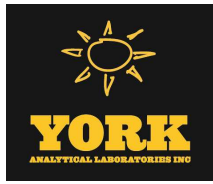
Metals, NYSDEC Part 375

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	6.24		mg/kg dry	1.68	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 18:35	03/17/2021 14:35	WJM
7440-39-3	Barium	90.6		mg/kg dry	2.80	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 18:35	03/17/2021 14:35	WJM
7440-41-7	Beryllium	ND		mg/kg dry	0.056	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 18:35	03/17/2021 14:35	WJM
7440-43-9	Cadmium	0.434		mg/kg dry	0.336	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 18:35	03/17/2021 14:35	WJM
7440-47-3	Chromium	20.8		mg/kg dry	0.561	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 18:35	03/17/2021 14:35	WJM
7440-50-8	Copper	37.9		mg/kg dry	2.24	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 18:35	03/17/2021 14:35	WJM
7439-92-1	Lead	47.5		mg/kg dry	0.561	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 18:35	03/17/2021 14:35	WJM
7439-96-5	Manganese	670		mg/kg dry	0.561	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 18:35	03/17/2021 14:35	WJM
7440-02-0	Nickel	27.8		mg/kg dry	1.12	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 18:35	03/17/2021 14:35	WJM



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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
7782-49-2	Selenium	ND		mg/kg dry	2.80	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 18:35	03/17/2021 14:35	WJM
7440-22-4	Silver	ND		mg/kg dry	0.561	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 18:35	03/17/2021 14:35	WJM
7440-66-6	Zinc	97.6		mg/kg dry	2.80	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/16/2021 18:35	03/17/2021 14:35	WJM

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	0.0666		mg/kg dry	0.0336	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	03/16/2021 23:04	03/17/2021 05:29	BML

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	0.561	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	03/17/2021 08:56	03/17/2021 19:14	ALH

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	20.8		mg/kg	0.500	1	Calculation Certifications:	03/17/2021 15:36	03/17/2021 19:16	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	0.561	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2021 08:41	03/17/2021 14:28	OT

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	89.2		%	0.100	1	SM 2540G Certifications: CTDOH	03/17/2021 09:53	03/17/2021 14:54	OT



Sample Information

Client Sample ID: FB 20210316

York Sample ID: 21C0750-22

York Project (SDG) No.
21C0750

Client Project ID
560909-Onekey

Matrix
Water

Collection Date/Time
March 16, 2021 9:15 am

Date Received
03/16/2021

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
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	1.84	1	EPA 537m Certifications:	03/17/2021 11:34	03/18/2021 17:35	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ng/L	1.84	1	EPA 537m Certifications:	03/17/2021 11:34	03/18/2021 17:35	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ng/L	1.84	1	EPA 537m Certifications:	03/17/2021 11:34	03/18/2021 17:35	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	1.84	1	EPA 537m Certifications:	03/17/2021 11:34	03/18/2021 17:35	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ng/L	1.84	1	EPA 537m Certifications:	03/17/2021 11:34	03/18/2021 17:35	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	1.84	1	EPA 537m Certifications:	03/17/2021 11:34	03/18/2021 17:35	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	1.84	1	EPA 537m Certifications:	03/17/2021 11:34	03/18/2021 17:35	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	1.84	1	EPA 537m Certifications:	03/17/2021 11:34	03/18/2021 17:35	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.84	1	EPA 537m Certifications:	03/17/2021 11:34	03/18/2021 17:35	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	1.84	1	EPA 537m Certifications:	03/17/2021 11:34	03/18/2021 17:35	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.84	1	EPA 537m Certifications:	03/17/2021 11:34	03/18/2021 17:35	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.84	1	EPA 537m Certifications:	03/17/2021 11:34	03/18/2021 17:35	WL
2355-31-9	* N-MeFOSAA	ND		ng/L	1.84	1	EPA 537m Certifications:	03/17/2021 11:34	03/18/2021 17:35	WL
2991-50-6	* N-EtFOSAA	ND		ng/L	1.84	1	EPA 537m Certifications:	03/17/2021 11:34	03/18/2021 17:35	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ng/L	1.84	1	EPA 537m Certifications:	03/17/2021 11:34	03/18/2021 17:35	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	1.84	1	EPA 537m Certifications:	03/17/2021 11:34	03/18/2021 17:35	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	1.84	1	EPA 537m Certifications:	03/17/2021 11:34	03/18/2021 17:35	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.84	1	EPA 537m Certifications:	03/17/2021 11:34	03/18/2021 17:35	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	4.60	1	EPA 537m Certifications:	03/17/2021 11:34	03/18/2021 17:35	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.84	1	EPA 537m Certifications:	03/17/2021 11:34	03/18/2021 17:35	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	1.84	1	EPA 537m Certifications:	03/17/2021 11:34	03/18/2021 17:35	WL
Surrogate Recoveries		Result	Acceptance Range							



Sample Information

Client Sample ID: FB 20210316

York Sample ID: 21C0750-22

York Project (SDG) No.
21C0750

Client Project ID
560909-Onekey

Matrix
Water

Collection Date/Time
March 16, 2021 9:15 am

Date Received
03/16/2021

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: M3PFBS	80.0 %								
	Surrogate: M5PFHxA	84.5 %								
	Surrogate: M4PFHpA	85.0 %								
	Surrogate: M3PFHxS	76.7 %								
	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	89.6 %								
	Surrogate: M6PFDA	83.3 %								
	Surrogate: M7PFUdA	76.8 %								
	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	63.8 %								
	Surrogate: M2PFTeDA	31.8 %								
	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	73.9 %								
	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	74.9 %								
	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	78.9 %								
	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	31.1 %								
	Surrogate: d3-N-MeFOSAA	58.2 %								
	Surrogate: d5-N-EtFOSAA	51.8 %								
	Surrogate: M2-6:2 FTS	81.0 %								
	Surrogate: M2-8:2 FTS	93.4 %								
	Surrogate: M9PFNA	90.7 %								



Analytical Batch Summary

Batch ID: BC10937

Preparation Method: EPA 3550C

Prepared By: MAM

YORK Sample ID	Client Sample ID	Preparation Date
21C0750-16	WC Comp 1 20210316	03/16/21
21C0750-16	WC Comp 1 20210316	03/16/21
21C0750-17	WC Comp 2 20210316	03/16/21
21C0750-17	WC Comp 2 20210316	03/16/21
21C0750-18	WC Comp 3 20210316	03/16/21
21C0750-18	WC Comp 3 20210316	03/16/21
21C0750-19	WC Comp 4 20210316	03/16/21
21C0750-19	WC Comp 4 20210316	03/16/21
21C0750-20	WC Comp 5 20210316	03/16/21
21C0750-20	WC Comp 5 20210316	03/16/21
21C0750-21	WC Comp 6 20210316	03/16/21
21C0750-21	WC Comp 6 20210316	03/16/21
BC10937-BLK1	Blank	03/16/21
BC10937-BLK2	Blank	03/16/21
BC10937-BS1	LCS	03/16/21
BC10937-BS2	LCS	03/16/21
BC10937-MS2	Matrix Spike	03/16/21
BC10937-MSD2	Matrix Spike Dup	03/16/21

Batch ID: BC10941

Preparation Method: EPA 5035A

Prepared By: LM

YORK Sample ID	Client Sample ID	Preparation Date
21C0750-01	WC Grab 1 20210316	03/16/21
21C0750-02	WC Grab 2 20210316	03/16/21
21C0750-03	WC Grab 3 20210316	03/16/21
21C0750-04	WC Grab 4 20210316	03/16/21
21C0750-05	WC Grab 5 20210316	03/16/21
21C0750-06	WC Grab 6 20210316	03/16/21
21C0750-07	WC Grab 7 20210316	03/16/21
21C0750-08	WC Grab 8 20210316	03/16/21
21C0750-09	WC Grab 9 20210316	03/16/21
21C0750-10	WC Grab 10 20210316	03/16/21
21C0750-11	WC Grab 11 20210316	03/16/21
21C0750-12	WC Grab 12 20210316	03/16/21
21C0750-13	WC Grab 13 20210316	03/16/21
21C0750-14	WC Grab 14 20210316	03/16/21
21C0750-15	WC Grab 15 20210316	03/16/21
BC10941-BLK1	Blank	03/16/21
BC10941-BLK2	Blank	03/16/21
BC10941-BS1	LCS	03/16/21
BC10941-BSD1	LCS Dup	03/16/21

Batch ID: BC10972

Preparation Method: EPA 3050B

Prepared By: BR

YORK Sample ID	Client Sample ID	Preparation Date
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21C0750-16	WC Comp 1 20210316	03/16/21
21C0750-17	WC Comp 2 20210316	03/16/21
21C0750-18	WC Comp 3 20210316	03/16/21
21C0750-19	WC Comp 4 20210316	03/16/21
21C0750-20	WC Comp 5 20210316	03/16/21
21C0750-21	WC Comp 6 20210316	03/16/21
BC10972-BLK1	Blank	03/16/21
BC10972-DUP1	Duplicate	03/16/21
BC10972-MS1	Matrix Spike	03/16/21
BC10972-PS1	Post Spike	03/16/21
BC10972-SRM1	Reference	03/16/21

Batch ID: BC10982 **Preparation Method:** EPA 7473 soil **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
21C0750-16	WC Comp 1 20210316	03/16/21
21C0750-17	WC Comp 2 20210316	03/16/21
21C0750-18	WC Comp 3 20210316	03/16/21
21C0750-19	WC Comp 4 20210316	03/16/21
21C0750-20	WC Comp 5 20210316	03/16/21
21C0750-21	WC Comp 6 20210316	03/16/21
BC10982-BLK1	Blank	03/16/21
BC10982-DUP1	Duplicate	03/16/21
BC10982-MS1	Matrix Spike	03/16/21
BC10982-SRM1	Reference	03/16/21

Batch ID: BC10983 **Preparation Method:** EPA 3546 SVOA **Prepared By:** YG

YORK Sample ID	Client Sample ID	Preparation Date
21C0750-16	WC Comp 1 20210316	03/17/21
21C0750-17	WC Comp 2 20210316	03/17/21
21C0750-18	WC Comp 3 20210316	03/17/21
21C0750-19	WC Comp 4 20210316	03/17/21
21C0750-20	WC Comp 5 20210316	03/17/21
21C0750-21	WC Comp 6 20210316	03/17/21
BC10983-BLK1	Blank	03/17/21
BC10983-BS1	LCS	03/17/21

Batch ID: BC10985 **Preparation Method:** EPA 3550C **Prepared By:** SJB

YORK Sample ID	Client Sample ID	Preparation Date
21C0750-16	WC Comp 1 20210316	03/17/21
21C0750-17	WC Comp 2 20210316	03/17/21
21C0750-18	WC Comp 3 20210316	03/17/21
21C0750-19	WC Comp 4 20210316	03/17/21
21C0750-20	WC Comp 5 20210316	03/17/21
21C0750-21	WC Comp 6 20210316	03/17/21
BC10985-BLK1	Blank	03/17/21
BC10985-BS1	LCS	03/17/21
BC10985-MS1	Matrix Spike	03/17/21



BC10985-MSD1

Matrix Spike Dup

03/17/21

Batch ID: BC10986**Preparation Method:** EPA 3550C/8151A**Prepared By:** SJB

YORK Sample ID	Client Sample ID	Preparation Date
21C0750-16	WC Comp 1 20210316	03/17/21
21C0750-17	WC Comp 2 20210316	03/17/21
21C0750-18	WC Comp 3 20210316	03/17/21
21C0750-19	WC Comp 4 20210316	03/17/21
21C0750-20	WC Comp 5 20210316	03/17/21
21C0750-21	WC Comp 6 20210316	03/17/21
BC10986-BLK1	Blank	03/17/21
BC10986-BS1	LCS	03/17/21
BC10986-BSD1	LCS Dup	03/17/21
BC10986-MS1	Matrix Spike	03/17/21

Batch ID: BC10998**Preparation Method:** Analysis Preparation Soil**Prepared By:** OT

YORK Sample ID	Client Sample ID	Preparation Date
21C0750-16	WC Comp 1 20210316	03/17/21
21C0750-17	WC Comp 2 20210316	03/17/21
21C0750-18	WC Comp 3 20210316	03/17/21
21C0750-19	WC Comp 4 20210316	03/17/21
21C0750-20	WC Comp 5 20210316	03/17/21
21C0750-21	WC Comp 6 20210316	03/17/21
BC10998-BLK1	Blank	03/17/21
BC10998-DUP1	Duplicate	03/17/21
BC10998-MS1	Matrix Spike	03/17/21
BC10998-SRM1	Reference	03/17/21

Batch ID: BC10999**Preparation Method:** EPA SW846-3060**Prepared By:** ALH

YORK Sample ID	Client Sample ID	Preparation Date
21C0750-16	WC Comp 1 20210316	03/17/21
21C0750-17	WC Comp 2 20210316	03/17/21
21C0750-18	WC Comp 3 20210316	03/17/21
21C0750-19	WC Comp 4 20210316	03/17/21
21C0750-20	WC Comp 5 20210316	03/17/21
21C0750-21	WC Comp 6 20210316	03/17/21
BC10999-BLK1	Blank	03/17/21
BC10999-DUP1	Duplicate	03/17/21
BC10999-MS1	Matrix Spike	03/17/21
BC10999-MS2	Matrix Spike	03/17/21
BC10999-SRM1	Reference	03/17/21

Batch ID: BC11004**Preparation Method:** % Solids Prep**Prepared By:** OT

YORK Sample ID	Client Sample ID	Preparation Date
21C0750-01	WC Grab 1 20210316	03/17/21



21C0750-02	WC Grab 2 20210316	03/17/21
21C0750-03	WC Grab 3 20210316	03/17/21
21C0750-04	WC Grab 4 20210316	03/17/21
21C0750-05	WC Grab 5 20210316	03/17/21
21C0750-06	WC Grab 6 20210316	03/17/21
21C0750-07	WC Grab 7 20210316	03/17/21
21C0750-08	WC Grab 8 20210316	03/17/21
21C0750-09	WC Grab 9 20210316	03/17/21
21C0750-10	WC Grab 10 20210316	03/17/21
21C0750-11	WC Grab 11 20210316	03/17/21
21C0750-12	WC Grab 12 20210316	03/17/21
21C0750-13	WC Grab 13 20210316	03/17/21
21C0750-14	WC Grab 14 20210316	03/17/21
21C0750-15	WC Grab 15 20210316	03/17/21
21C0750-16	WC Comp 1 20210316	03/17/21
21C0750-17	WC Comp 2 20210316	03/17/21
21C0750-18	WC Comp 3 20210316	03/17/21
21C0750-19	WC Comp 4 20210316	03/17/21
21C0750-20	WC Comp 5 20210316	03/17/21
BC11004-DUP1	Duplicate	03/17/21

Batch ID: BC11005 **Preparation Method:** % Solids Prep **Prepared By:** OT

YORK Sample ID	Client Sample ID	Preparation Date
21C0750-21	WC Comp 6 20210316	03/17/21
BC11005-DUP1	Duplicate	03/17/21

Batch ID: BC11014 **Preparation Method:** SPE PFAS Extraction-Soil-EPA 537m **Prepared By:** SG

YORK Sample ID	Client Sample ID	Preparation Date
21C0750-16	WC Comp 1 20210316	03/17/21
21C0750-17	WC Comp 2 20210316	03/17/21
21C0750-18	WC Comp 3 20210316	03/17/21
21C0750-19	WC Comp 4 20210316	03/17/21
21C0750-20	WC Comp 5 20210316	03/17/21
21C0750-21	WC Comp 6 20210316	03/17/21
BC11014-BLK1	Blank	03/17/21
BC11014-BS1	LCS	03/17/21
BC11014-MS1	Matrix Spike	03/17/21
BC11014-MSD1	Matrix Spike Dup	03/17/21

Batch ID: BC11015 **Preparation Method:** SPE Ext-PFAS-EPA 537.1M **Prepared By:** SG

YORK Sample ID	Client Sample ID	Preparation Date
21C0750-22	FB 20210316	03/17/21
BC11015-BLK1	Blank	03/17/21
BC11015-BS1	LCS	03/17/21
BC11015-BSD1	LCS Dup	03/17/21



Batch ID: BC11050

Preparation Method: Analysis Preparation

Prepared By: PAM

YORK Sample ID	Client Sample ID	Preparation Date
21C0750-16	WC Comp 1 20210316	03/17/21
21C0750-17	WC Comp 2 20210316	03/17/21
21C0750-18	WC Comp 3 20210316	03/17/21
21C0750-19	WC Comp 4 20210316	03/17/21
21C0750-20	WC Comp 5 20210316	03/17/21
21C0750-21	WC Comp 6 20210316	03/17/21



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 BC10941 - EPA 5035A

Blank (BC10941-BLK1)

Prepared & Analyzed: 03/16/2021

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	53.3		ug/L	50.0		107	77-125				
Surrogate: SURR: Toluene-d8	45.8		"	50.0		91.6	85-120				
Surrogate: SURR: p-Bromofluorobenzene	50.0		"	50.0		99.9	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 BC10941 - EPA 5035A

Blank (BC10941-BLK2)

Prepared & Analyzed: 03/16/2021

1,1,1-Trichloroethane	ND	500	ug/kg wet								
1,1-Dichloroethane	ND	500	"								
1,1-Dichloroethylene	ND	500	"								
1,2,4-Trimethylbenzene	ND	500	"								
1,2-Dichlorobenzene	ND	500	"								
1,2-Dichloroethane	ND	500	"								
1,3,5-Trimethylbenzene	ND	500	"								
1,3-Dichlorobenzene	ND	500	"								
1,4-Dichlorobenzene	ND	500	"								
1,4-Dioxane	ND	10000	"								
2-Butanone	ND	500	"								
Acetone	ND	1000	"								
Benzene	ND	500	"								
Carbon tetrachloride	ND	500	"								
Chlorobenzene	ND	500	"								
Chloroform	ND	500	"								
cis-1,2-Dichloroethylene	ND	500	"								
Ethyl Benzene	ND	500	"								
Methyl tert-butyl ether (MTBE)	ND	500	"								
Methylene chloride	930	1000	"								
Naphthalene	ND	1000	"								
n-Butylbenzene	ND	500	"								
n-Propylbenzene	ND	500	"								
o-Xylene	ND	500	"								
p- & m- Xylenes	ND	1000	"								
sec-Butylbenzene	ND	500	"								
tert-Butylbenzene	ND	500	"								
Tetrachloroethylene	ND	500	"								
Toluene	ND	500	"								
trans-1,2-Dichloroethylene	ND	500	"								
Trichloroethylene	ND	500	"								
Vinyl Chloride	ND	500	"								
Xylenes, Total	ND	1500	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	51.6		ug/L	50.0		103	77-125				
Surrogate: SURR: Toluene-d8	46.5		"	50.0		92.9	85-120				
Surrogate: SURR: p-Bromofluorobenzene	49.0		"	50.0		98.1	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 BC10941 - EPA 5035A

LCS (BC10941-BS1)

Prepared & Analyzed: 03/16/2021

1,1,1-Trichloroethane	62.2		ug/L	50.0		124	71-137				
1,1-Dichloroethane	56.5		"	50.0		113	75-130				
1,1-Dichloroethylene	59.3		"	50.0		119	64-137				
1,2,4-Trimethylbenzene	49.6		"	50.0		99.1	84-125				
1,2-Dichlorobenzene	49.0		"	50.0		98.0	85-122				
1,2-Dichloroethane	59.2		"	50.0		118	71-133				
1,3,5-Trimethylbenzene	49.6		"	50.0		99.3	82-126				
1,3-Dichlorobenzene	47.8		"	50.0		95.6	84-124				
1,4-Dichlorobenzene	48.5		"	50.0		96.9	84-124				
1,4-Dioxane	986		"	1050		93.9	10-228				
2-Butanone	50.6		"	50.0		101	58-147				
Acetone	39.9		"	50.0		79.8	36-155				
Benzene	57.8		"	50.0		116	77-127				
Carbon tetrachloride	61.4		"	50.0		123	66-143				
Chlorobenzene	50.0		"	50.0		99.9	86-120				
Chloroform	58.8		"	50.0		118	76-131				
cis-1,2-Dichloroethylene	57.3		"	50.0		115	74-132				
Ethyl Benzene	50.9		"	50.0		102	84-125				
Methyl tert-butyl ether (MTBE)	59.4		"	50.0		119	74-131				
Methylene chloride	55.3		"	50.0		111	57-141				
Naphthalene	49.5		"	50.0		98.9	86-141				
n-Butylbenzene	49.9		"	50.0		99.8	80-130				
n-Propylbenzene	47.3		"	50.0		94.6	74-136				
o-Xylene	51.4		"	50.0		103	83-123				
p- & m- Xylenes	102		"	100		102	82-128				
sec-Butylbenzene	51.3		"	50.0		103	83-125				
tert-Butylbenzene	48.5		"	50.0		97.0	80-127				
Tetrachloroethylene	41.4		"	50.0		82.8	80-129				
Toluene	50.5		"	50.0		101	85-121				
trans-1,2-Dichloroethylene	60.8		"	50.0		122	72-132				
Trichloroethylene	50.1		"	50.0		100	84-123				
Vinyl Chloride	46.8		"	50.0		93.5	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	51.1		"	50.0		102	77-125				
Surrogate: SURR: Toluene-d8	45.6		"	50.0		91.2	85-120				
Surrogate: SURR: p-Bromofluorobenzene	49.8		"	50.0		99.7	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 BC10941 - EPA 5035A

LCS Dup (BC10941-BSD1)

Prepared & Analyzed: 03/16/2021

1,1,1-Trichloroethane	60.8		ug/L	50.0		122	71-137		2.34	30	
1,1-Dichloroethane	55.4		"	50.0		111	75-130		1.98	30	
1,1-Dichloroethylene	58.4		"	50.0		117	64-137		1.51	30	
1,2,4-Trimethylbenzene	49.4		"	50.0		98.8	84-125		0.364	30	
1,2-Dichlorobenzene	49.0		"	50.0		97.9	85-122		0.122	30	
1,2-Dichloroethane	57.6		"	50.0		115	71-133		2.64	30	
1,3,5-Trimethylbenzene	49.5		"	50.0		99.0	82-126		0.282	30	
1,3-Dichlorobenzene	48.0		"	50.0		96.0	84-124		0.397	30	
1,4-Dichlorobenzene	48.1		"	50.0		96.1	84-124		0.829	30	
1,4-Dioxane	948		"	1050		90.3	10-228		3.96	30	
2-Butanone	45.2		"	50.0		90.5	58-147		11.2	30	
Acetone	38.6		"	50.0		77.2	36-155		3.39	30	
Benzene	56.7		"	50.0		113	77-127		2.08	30	
Carbon tetrachloride	60.2		"	50.0		120	66-143		2.07	30	
Chlorobenzene	49.2		"	50.0		98.5	86-120		1.45	30	
Chloroform	57.6		"	50.0		115	76-131		2.13	30	
cis-1,2-Dichloroethylene	55.9		"	50.0		112	74-132		2.58	30	
Ethyl Benzene	50.8		"	50.0		102	84-125		0.177	30	
Methyl tert-butyl ether (MTBE)	57.4		"	50.0		115	74-131		3.56	30	
Methylene chloride	54.1		"	50.0		108	57-141		2.25	30	
Naphthalene	47.5		"	50.0		95.1	86-141		3.98	30	
n-Butylbenzene	49.9		"	50.0		99.9	80-130		0.0401	30	
n-Propylbenzene	47.2		"	50.0		94.4	74-136		0.275	30	
o-Xylene	50.9		"	50.0		102	83-123		0.860	30	
p- & m- Xylenes	100		"	100		100	82-128		1.33	30	
sec-Butylbenzene	51.3		"	50.0		103	83-125		0.0585	30	
tert-Butylbenzene	48.8		"	50.0		97.6	80-127		0.678	30	
Tetrachloroethylene	40.6		"	50.0		81.1	80-129		2.12	30	
Toluene	49.6		"	50.0		99.3	85-121		1.68	30	
trans-1,2-Dichloroethylene	59.7		"	50.0		119	72-132		1.79	30	
Trichloroethylene	50.6		"	50.0		101	84-123		0.874	30	
Vinyl Chloride	46.1		"	50.0		92.2	52-130		1.40	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	50.6		"	50.0		101	77-125				
Surrogate: SURR: Toluene-d8	46.2		"	50.0		92.4	85-120				
Surrogate: SURR: p-Bromofluorobenzene	50.6		"	50.0		101	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 BC10983 - EPA 3546 SVOA

Blank (BC10983-BLK1)

Prepared & Analyzed: 03/17/2021

1,1-Biphenyl	ND	41.7	ug/kg wet
1,2,4,5-Tetrachlorobenzene	ND	83.3	"
2,3,4,6-Tetrachlorophenol	ND	83.3	"
2,4,5-Trichlorophenol	ND	41.7	"
2,4,6-Trichlorophenol	ND	41.7	"
2,4-Dichlorophenol	ND	41.7	"
2,4-Dimethylphenol	ND	41.7	"
2,4-Dinitrophenol	ND	83.3	"
2,4-Dinitrotoluene	ND	41.7	"
2,6-Dinitrotoluene	ND	41.7	"
2-Chloronaphthalene	ND	41.7	"
2-Chlorophenol	ND	41.7	"
2-Methylnaphthalene	ND	41.7	"
2-Methylphenol	ND	41.7	"
2-Nitroaniline	ND	83.3	"
2-Nitrophenol	ND	41.7	"
3- & 4-Methylphenols	ND	41.7	"
3,3-Dichlorobenzidine	ND	41.7	"
3-Nitroaniline	ND	83.3	"
4,6-Dinitro-2-methylphenol	ND	83.3	"
4-Bromophenyl phenyl ether	ND	41.7	"
4-Chloro-3-methylphenol	ND	41.7	"
4-Chloroaniline	ND	41.7	"
4-Chlorophenyl phenyl ether	ND	41.7	"
4-Nitroaniline	ND	83.3	"
4-Nitrophenol	ND	83.3	"
Acenaphthene	ND	41.7	"
Acenaphthylene	ND	41.7	"
Acetophenone	ND	41.7	"
Anthracene	ND	41.7	"
Atrazine	ND	41.7	"
Benzaldehyde	ND	41.7	"
Benzo(a)anthracene	ND	41.7	"
Benzo(a)pyrene	ND	41.7	"
Benzo(b)fluoranthene	ND	41.7	"
Benzo(g,h,i)perylene	ND	41.7	"
Benzo(k)fluoranthene	ND	41.7	"
Benzyl butyl phthalate	ND	41.7	"
Bis(2-chloroethoxy)methane	ND	41.7	"
Bis(2-chloroethyl)ether	ND	41.7	"
Bis(2-chloroisopropyl)ether	ND	41.7	"
Bis(2-ethylhexyl)phthalate	ND	41.7	"
Caprolactam	ND	83.3	"
Carbazole	ND	41.7	"
Chrysene	ND	41.7	"
Dibenzo(a,h)anthracene	ND	41.7	"
Dibenzofuran	ND	41.7	"
Diethyl phthalate	ND	41.7	"
Dimethyl phthalate	ND	41.7	"
Di-n-butyl phthalate	ND	41.7	"
Di-n-octyl phthalate	ND	41.7	"



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 BC10983 - EPA 3546 SVOA

Blank (BC10983-BLK1)

Prepared & Analyzed: 03/17/2021

Fluoranthene	ND	41.7	ug/kg wet
Fluorene	ND	41.7	"
Hexachlorobenzene	ND	41.7	"
Hexachlorobutadiene	ND	41.7	"
Hexachlorocyclopentadiene	ND	41.7	"
Hexachloroethane	ND	41.7	"
Indeno(1,2,3-cd)pyrene	ND	41.7	"
Isophorone	ND	41.7	"
Naphthalene	ND	41.7	"
Nitrobenzene	ND	41.7	"
N-nitroso-di-n-propylamine	ND	41.7	"
N-Nitrosodiphenylamine	ND	41.7	"
Pentachlorophenol	ND	41.7	"
Phenanthrene	ND	41.7	"
Phenol	ND	41.7	"
Pyrene	ND	41.7	"

Surrogate: SURR: 2-Fluorophenol	914	"	1670	54.9	30-130
Surrogate: SURR: Phenol-d5	837	"	1670	50.2	30-130
Surrogate: SURR: Nitrobenzene-d5	465	"	833	55.8	30-130
Surrogate: SURR: 2-Fluorobiphenyl	495	"	833	59.4	30-130
Surrogate: SURR: 2,4,6-Tribromophenol	1370	"	1670	82.5	30-130
Surrogate: SURR: Terphenyl-d14	757	"	833	90.8	30-130

LCS (BC10983-BS1)

Prepared & Analyzed: 03/17/2021

1,1-Biphenyl	573	41.7	ug/kg wet	833	68.8	70-130	Low Bias	30
1,2,4,5-Tetrachlorobenzene	661	83.3	"	833	79.3	70-130		30
2,3,4,6-Tetrachlorophenol	721	83.3	"	833	86.6	70-130		30
2,4,5-Trichlorophenol	716	41.7	"	833	85.9	70-130		30
2,4,6-Trichlorophenol	656	41.7	"	833	78.7	70-130		30
2,4-Dichlorophenol	647	41.7	"	833	77.6	70-130		30
2,4-Dimethylphenol	632	41.7	"	833	75.9	70-130		30
2,4-Dinitrophenol	728	83.3	"	833	87.4	20-160		30
2,4-Dinitrotoluene	671	41.7	"	833	80.6	70-130		30
2,6-Dinitrotoluene	682	41.7	"	833	81.8	70-130		30
2-Chloronaphthalene	540	41.7	"	833	64.8	70-130	Low Bias	30
2-Chlorophenol	493	41.7	"	833	59.2	70-130	Low Bias	30
2-Methylnaphthalene	632	41.7	"	833	75.8	70-130		30
2-Methylphenol	522	41.7	"	833	62.6	70-130	Low Bias	30
2-Nitroaniline	645	83.3	"	833	77.4	70-130		30
2-Nitrophenol	650	41.7	"	833	78.0	70-130		30
3- & 4-Methylphenols	488	41.7	"	833	58.6	20-160		30
3,3-Dichlorobenzidine	495	41.7	"	833	59.4	70-130	Low Bias	30
3-Nitroaniline	586	83.3	"	833	70.4	70-130		30
4,6-Dinitro-2-methylphenol	855	83.3	"	833	103	70-130		30
4-Bromophenyl phenyl ether	653	41.7	"	833	78.4	70-130		30
4-Chloro-3-methylphenol	642	41.7	"	833	77.0	70-130		30
4-Chloroaniline	402	41.7	"	833	48.3	70-130	Low Bias	30
4-Chlorophenyl phenyl ether	610	41.7	"	833	73.2	70-130		30
4-Nitroaniline	652	83.3	"	833	78.2	70-130		30
4-Nitrophenol	622	83.3	"	833	74.6	20-160		30
Acenaphthene	543	41.7	"	833	65.2	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 BC10983 - EPA 3546 SVOA

LCS (BC10983-BS1)

Prepared & Analyzed: 03/17/2021

Acenaphthylene	558	41.7	ug/kg wet	833		67.0	70-130	Low Bias		30	
Acetophenone	493	41.7	"	833		59.2	70-130	Low Bias		30	
Anthracene	667	41.7	"	833		80.1	70-130			30	
Atrazine	725	41.7	"	833		87.0	70-130			30	
Benzaldehyde	493	41.7	"	833		59.2	20-160			30	
Benzo(a)anthracene	689	41.7	"	833		82.7	70-130			30	
Benzo(a)pyrene	786	41.7	"	833		94.3	70-130			30	
Benzo(b)fluoranthene	750	41.7	"	833		90.0	70-130			30	
Benzo(g,h,i)perylene	866	41.7	"	833		104	70-130			30	
Benzo(k)fluoranthene	776	41.7	"	833		93.1	70-130			30	
Benzyl butyl phthalate	634	41.7	"	833		76.0	70-130			30	
Bis(2-chloroethoxy)methane	550	41.7	"	833		66.0	70-130	Low Bias		30	
Bis(2-chloroethyl)ether	356	41.7	"	833		42.8	70-130	Low Bias		30	
Bis(2-chloroisopropyl)ether	506	41.7	"	833		60.8	70-130	Low Bias		30	
Bis(2-ethylhexyl)phthalate	718	41.7	"	833		86.2	70-130			30	
Caprolactam	799	83.3	"	833		95.9	20-160			30	
Carbazole	663	41.7	"	833		79.6	70-130			30	
Chrysene	725	41.7	"	833		87.0	70-130			30	
Dibenzo(a,h)anthracene	802	41.7	"	833		96.2	70-130			30	
Dibenzofuran	608	41.7	"	833		73.0	70-130			30	
Diethyl phthalate	597	41.7	"	833		71.6	70-130			30	
Dimethyl phthalate	599	41.7	"	833		71.9	70-130			30	
Di-n-butyl phthalate	609	41.7	"	833		73.1	70-130			30	
Di-n-octyl phthalate	730	41.7	"	833		87.6	70-130			30	
Fluoranthene	676	41.7	"	833		81.1	70-130			30	
Fluorene	608	41.7	"	833		73.0	70-130			30	
Hexachlorobenzene	592	41.7	"	833		71.0	70-130			30	
Hexachlorobutadiene	549	41.7	"	833		65.8	70-130	Low Bias		30	
Hexachlorocyclopentadiene	420	41.7	"	833		50.4	20-160			30	
Hexachloroethane	424	41.7	"	833		50.9	20-160			30	
Indeno(1,2,3-cd)pyrene	789	41.7	"	833		94.6	70-130			30	
Isophorone	554	41.7	"	833		66.4	70-130	Low Bias		30	
Naphthalene	542	41.7	"	833		65.0	70-130	Low Bias		30	
Nitrobenzene	491	41.7	"	833		59.0	70-130	Low Bias		30	
N-nitroso-di-n-propylamine	480	41.7	"	833		57.6	70-130	Low Bias		30	
N-Nitrosodiphenylamine	759	41.7	"	833		91.0	70-130			30	
Pentachlorophenol	646	41.7	"	833		77.6	20-160			30	
Phenanthrene	652	41.7	"	833		78.3	70-130			30	
Phenol	555	41.7	"	833		66.6	20-160			30	
Pyrene	659	41.7	"	833		79.1	70-130			30	
Surrogate: SURR: 2-Fluorophenol	1180		"	1670		71.0	30-130				
Surrogate: SURR: Phenol-d5	1170		"	1670		70.5	30-130				
Surrogate: SURR: Nitrobenzene-d5	617		"	833		74.0	30-130				
Surrogate: SURR: 2-Fluorobiphenyl	687		"	833		82.5	30-130				
Surrogate: SURR: 2,4,6-Tribromophenol	1970		"	1670		118	30-130				
Surrogate: SURR: Terphenyl-d14	954		"	833		115	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
Batch BC10985 - EPA 3550C											
Blank (BC10985-BLK1)						Prepared & Analyzed: 03/17/2021					
1,4-Dioxane	ND	10.0	ug/kg								
Surrogate: 1,4-Dioxane-d8	310		"	500		62.0	39-127.5				
LCS (BC10985-BS1)						Prepared & Analyzed: 03/17/2021					
1,4-Dioxane	480	10.0	ug/kg	500		96.0	40-130				
Surrogate: 1,4-Dioxane-d8	250		"	500		50.0	39-127.5				
Matrix Spike (BC10985-MS1)						Prepared & Analyzed: 03/17/2021					
1,4-Dioxane	479	10.0	ug/kg	500	ND	95.8	40-130				
Surrogate: 1,4-Dioxane-d8	240		"	500		48.0	40-130				
Matrix Spike Dup (BC10985-MSD1)						Prepared & Analyzed: 03/17/2021					
1,4-Dioxane	481	10.0	ug/kg	500	ND	96.2	40-130		0.417	30	
Surrogate: 1,4-Dioxane-d8	270		"	500		54.0	40-130				



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 BC11014 - SPE PFAS Extraction-Soil-EPA 537m

Blank (BC11014-BLK1)

Prepared: 03/17/2021 Analyzed: 03/18/2021

Perfluorobutanesulfonic acid (PFBS)	ND	0.493	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.493	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.493	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.493	"								
Perfluorooctanoic acid (PFOA)	ND	0.493	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.493	"								
Perfluorononanoic acid (PFNA)	ND	0.493	"								
Perfluorodecanoic acid (PFDA)	ND	0.493	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.493	"								
Perfluorododecanoic acid (PFDoA)	ND	0.493	"								
Perfluorotridecanoic acid (PFTriDA)	ND	0.493	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.493	"								
N-MeFOSAA	ND	0.493	"								
N-EtFOSAA	ND	0.493	"								
Perfluoropentanoic acid (PFPeA)	ND	0.493	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.493	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.493	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.493	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	0.493	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	0.493	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.493	"								
Surrogate: M3PFBS	3.33		"	4.58		72.8	25-150				
Surrogate: M5PFHxA	3.95		"	4.93		80.3	25-150				
Surrogate: M4PFHpA	4.00		"	4.93		81.2	25-150				
Surrogate: M3PFHxS	3.22		"	4.66		69.0	25-150				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	4.12		"	4.93		83.7	25-150				
Surrogate: M6PFDA	3.44		"	4.93		69.9	25-150				
Surrogate: M7PFUdA	3.11		"	4.93		63.1	25-150				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	3.16		"	4.93		64.1	25-150				
Surrogate: M2PFTeDA	3.68		"	4.93		74.7	10-150				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	3.13		"	4.93		63.5	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.90		"	4.71		61.5	25-150				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	3.47		"	4.93		70.5	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.68		"	4.93		54.5	10-150				
Surrogate: d3-N-MeFOSAA	2.36		"	4.93		47.8	25-150				
Surrogate: d5-N-EtFOSAA	2.66		"	4.93		54.0	25-150				
Surrogate: M2-6:2 FTS	3.51		"	4.67		75.0	25-150				
Surrogate: M2-8:2 FTS	3.66		"	4.72		77.6	25-150				
Surrogate: M9PFNA	4.94		"	4.93		100	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 BC11014 - SPE PFAS Extraction-Soil-EPA 537m

LCS (BC11014-BS1)

Prepared: 03/17/2021 Analyzed: 03/18/2021

Perfluorobutanesulfonic acid (PFBS)	4.41	0.499	ug/kg wet	4.42		99.8	50-130				
Perfluorohexanoic acid (PFHxA)	4.32	0.499	"	4.99		86.6	50-130				
Perfluoroheptanoic acid (PFHpA)	4.86	0.499	"	4.99		97.4	50-130				
Perfluorohexanesulfonic acid (PFHxS)	4.88	0.499	"	4.55		107	50-130				
Perfluorooctanoic acid (PFOA)	4.56	0.499	"	4.99		91.5	50-130				
Perfluorooctanesulfonic acid (PFOS)	4.65	0.499	"	4.62		101	50-130				
Perfluorononanoic acid (PFNA)	4.05	0.499	"	4.99		81.1	50-130				
Perfluorodecanoic acid (PFDA)	5.20	0.499	"	4.99		104	50-130				
Perfluoroundecanoic acid (PFUnA)	5.65	0.499	"	4.99		113	50-130				
Perfluorododecanoic acid (PFDoA)	4.41	0.499	"	4.99		88.4	50-130				
Perfluorotridecanoic acid (PFTDA)	4.73	0.499	"	4.99		94.8	50-130				
Perfluorotetradecanoic acid (PFTA)	5.29	0.499	"	4.99		106	50-130				
N-MeFOSAA	6.37	0.499	"	4.99		128	50-130				
N-EtFOSAA	5.41	0.499	"	4.99		108	50-130				
Perfluoropentanoic acid (PFPeA)	5.44	0.499	"	4.99		109	50-130				
Perfluoro-1-octanesulfonamide (FOSA)	4.63	0.499	"	4.99		92.9	50-130				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.98	0.499	"	4.74		105	50-130				
Perfluoro-1-decanesulfonic acid (PFDS)	3.96	0.499	"	4.81		82.2	50-130				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	4.68	0.499	"	4.74		98.7	50-130				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	6.77	0.499	"	4.79		141	50-130	High Bias			
Perfluoro-n-butanoic acid (PFBA)	5.99	0.499	"	4.99		120	50-130				
Surrogate: M3PFBS	3.37		"	4.63		72.7	25-150				
Surrogate: M5PFHxA	4.10		"	4.99		82.1	25-150				
Surrogate: M4PFHpA	3.88		"	4.99		77.9	25-150				
Surrogate: M3PFHxS	3.16		"	4.72		67.0	25-150				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	4.11		"	4.99		82.4	25-150				
Surrogate: M6PFDA	3.38		"	4.99		67.8	25-150				
Surrogate: M7PFUdA	3.01		"	4.99		60.4	25-150				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	3.15		"	4.99		63.1	25-150				
Surrogate: M2PFTeDA	3.89		"	4.99		78.0	10-150				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	3.08		"	4.99		61.8	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	3.03		"	4.77		63.5	25-150				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	3.47		"	4.99		69.5	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.60		"	4.99		52.0	10-150				
Surrogate: d3-N-MeFOSAA	2.38		"	4.99		47.8	25-150				
Surrogate: d5-N-EtFOSAA	2.43		"	4.99		48.8	25-150				
Surrogate: M2-6:2 FTS	3.79		"	4.73		80.0	25-150				
Surrogate: M2-8:2 FTS	3.55		"	4.78		74.4	25-150				
Surrogate: M9PFNA	4.83		"	4.99		96.9	25-150				



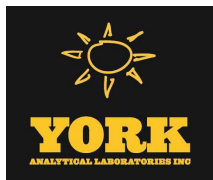
PFAS Target compounds by LC/MS-MS - Quality Control Data

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 BC11014 - SPE PFAS Extraction-Soil-EPA 537m

Matrix Spike (BC11014-MS1)	*Source sample: 21C0750-17 (WC Comp 2 20210316)						Prepared: 03/17/2021 Analyzed: 03/18/2021				
Perfluorobutanesulfonic acid (PFBS)	4.40	0.527	ug/kg dry	4.66	ND	94.3	25-150				
Perfluorohexanoic acid (PFHxA)	4.40	0.527	"	5.27	ND	83.6	25-150				
Perfluoroheptanoic acid (PFHpA)	4.78	0.527	"	5.27	ND	90.7	25-150				
Perfluorohexanesulfonic acid (PFHxS)	4.83	0.527	"	4.81	ND	100	25-150				
Perfluorooctanoic acid (PFOA)	4.44	0.527	"	5.27	ND	84.2	25-150				
Perfluorooctanesulfonic acid (PFOS)	5.03	0.527	"	4.88	ND	103	25-150				
Perfluorononanoic acid (PFNA)	4.12	0.527	"	5.27	ND	78.2	25-150				
Perfluorodecanoic acid (PFDA)	5.15	0.527	"	5.27	ND	97.8	25-150				
Perfluoroundecanoic acid (PFUnA)	5.61	0.527	"	5.27	ND	106	25-150				
Perfluorododecanoic acid (PFDoA)	4.18	0.527	"	5.27	ND	79.4	25-150				
Perfluorotridecanoic acid (PFTDA)	3.34	0.527	"	5.27	ND	63.3	25-150				
Perfluorotetradecanoic acid (PFTA)	6.35	0.527	"	5.27	ND	120	25-150				
N-MeFOSAA	6.67	0.527	"	5.27	ND	127	25-150				
N-EtFOSAA	6.55	0.527	"	5.27	ND	124	25-150				
Perfluoropentanoic acid (PFPeA)	5.46	0.527	"	5.27	ND	104	25-150				
Perfluoro-1-octanesulfonamide (FOSA)	4.65	0.527	"	5.27	ND	88.2	25-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	5.27	0.527	"	5.01	ND	105	25-150				
Perfluoro-1-decanesulfonic acid (PFDS)	4.23	0.527	"	5.09	ND	83.2	25-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	4.66	0.527	"	5.01	ND	93.1	25-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	5.81	0.527	"	5.06	ND	115	25-150				
Perfluoro-n-butanoic acid (PFBA)	6.02	0.527	"	5.27	ND	114	25-150				
Surrogate: M3PFBS	3.22		"	4.90		65.8	25-150				
Surrogate: M5PFHxA	4.03		"	5.27		76.5	25-150				
Surrogate: M4PFHpA	3.81		"	5.27		72.2	25-150				
Surrogate: M3PFHxS	2.93		"	4.99		58.8	25-150				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	4.06		"	5.27		77.1	25-150				
Surrogate: M6PFDA	3.48		"	5.27		66.1	25-150				
Surrogate: M7PFUdA	3.20		"	5.27		60.8	25-150				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	3.66		"	5.27		69.5	25-150				
Surrogate: M2PFTeDA	2.96		"	5.27		56.2	10-150				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	3.41		"	5.27		64.8	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.65		"	5.04		52.6	25-150				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	3.56		"	5.27		67.6	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	1.91		"	5.27		36.2	10-150				
Surrogate: d3-N-MeFOSAA	2.28		"	5.27		43.2	25-150				
Surrogate: d5-N-EtFOSAA	2.10		"	5.27		39.9	25-150				
Surrogate: M2-6:2 FTS	3.49		"	5.00		69.8	25-150				
Surrogate: M2-8:2 FTS	5.00		"	5.05		99.0	25-150				
Surrogate: M9PFNA	4.31		"	5.27		81.7	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 BC11014 - SPE PFAS Extraction-Soil-EPA 537m

Matrix Spike Dup (BC11014-MSD1)	*Source sample: 21C0750-17 (WC Comp 2 20210316)						Prepared: 03/17/2021 Analyzed: 03/18/2021				
Perfluorobutanesulfonic acid (PFBS)	4.37	0.525	ug/kg dry	4.64	ND	94.1	25-150		0.644	35	
Perfluorohexanoic acid (PFHxA)	4.62	0.525	"	5.25	ND	87.9	25-150		4.67	35	
Perfluoroheptanoic acid (PFHpA)	4.87	0.525	"	5.25	ND	92.8	25-150		1.87	35	
Perfluorohexanesulfonic acid (PFHxS)	4.97	0.525	"	4.79	ND	104	25-150		2.93	35	
Perfluorooctanoic acid (PFOA)	4.37	0.525	"	5.25	ND	83.3	25-150		1.45	35	
Perfluorooctanesulfonic acid (PFOS)	5.03	0.525	"	4.86	ND	103	25-150		0.0936	35	
Perfluorononanoic acid (PFNA)	4.15	0.525	"	5.25	ND	79.2	25-150		0.834	35	
Perfluorodecanoic acid (PFDA)	5.16	0.525	"	5.25	ND	98.4	25-150		0.183	35	
Perfluoroundecanoic acid (PFUnA)	5.26	0.525	"	5.25	ND	100	25-150		6.54	35	
Perfluorododecanoic acid (PFDoA)	4.61	0.525	"	5.25	ND	87.8	25-150		9.62	35	
Perfluorotridecanoic acid (PFTriDA)	3.65	0.525	"	5.25	ND	69.5	25-150		8.86	35	
Perfluorotetradecanoic acid (PFTA)	5.44	0.525	"	5.25	ND	104	25-150		15.4	35	
N-MeFOSAA	6.81	0.525	"	5.25	ND	130	25-150		2.00	35	
N-EtFOSAA	5.42	0.525	"	5.25	ND	103	25-150		18.8	35	
Perfluoropentanoic acid (PFPeA)	5.60	0.525	"	5.25	ND	107	25-150		2.51	35	
Perfluoro-1-octanesulfonamide (FOSA)	4.77	0.525	"	5.25	ND	90.9	25-150		2.60	35	
Perfluoro-1-heptanesulfonic acid (PFHpS)	5.35	0.525	"	4.99	ND	107	25-150		1.54	35	
Perfluoro-1-decanesulfonic acid (PFDS)	4.04	0.525	"	5.06	ND	79.7	25-150		4.71	35	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	5.10	0.525	"	4.99	ND	102	25-150		8.99	35	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	5.63	0.525	"	5.04	ND	112	25-150		3.12	35	
Perfluoro-n-butanoic acid (PFBA)	6.33	0.525	"	5.25	ND	121	25-150		5.07	35	
Surrogate: M3PFBS	3.32		"	4.88		68.1	25-150				
Surrogate: M5PFHxA	4.19		"	5.25		79.8	25-150				
Surrogate: M4PFHpA	3.95		"	5.25		75.2	25-150				
Surrogate: M3PFHxS	3.02		"	4.96		60.8	25-150				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	4.42		"	5.25		84.2	25-150				
Surrogate: M6PFDA	3.55		"	5.25		67.7	25-150				
Surrogate: M7PFUDA	3.31		"	5.25		63.0	25-150				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	3.49		"	5.25		66.5	25-150				
Surrogate: M2PFTeDA	3.70		"	5.25		70.5	10-150				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	3.36		"	5.25		64.0	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.71		"	5.02		53.9	25-150				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	3.64		"	5.25		69.4	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	1.57		"	5.25		29.9	10-150				
Surrogate: d3-N-MeFOSAA	2.29		"	5.25		43.6	25-150				
Surrogate: d5-N-EtFOSAA	2.52		"	5.25		48.0	25-150				
Surrogate: M2-6:2 FTS	3.60		"	4.98		72.3	25-150				
Surrogate: M2-8:2 FTS	5.02		"	5.03		99.8	25-150				
Surrogate: M9PFNA	4.73		"	5.25		90.1	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 BC11015 - SPE Ext-PFAS-EPA 537.1M

Blank (BC11015-BLK1)

Prepared: 03/17/2021 Analyzed: 03/18/2021

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 (PFTDA)	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	73.3		"	74.3		98.6	25-150				
Surrogate: M5PFHxA	78.4		"	80.0		98.0	25-150				
Surrogate: M4PFHpA	80.6		"	80.0		101	25-150				
Surrogate: M3PFHxS	76.0		"	75.7		100	25-150				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	80.1		"	80.0		100	25-150				
Surrogate: M6PFDA	74.1		"	80.0		92.7	25-150				
Surrogate: M7PFUdA	60.2		"	80.0		75.3	25-150				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	38.6		"	80.0		48.3	25-150				
Surrogate: M2PFTeDA	16.3		"	80.0		20.4	10-150				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	88.4		"	80.0		111	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	78.8		"	76.6		103	25-150				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	83.1		"	80.0		104	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	35.5		"	80.0		44.3	10-150				
Surrogate: d3-N-MeFOSAA	54.8		"	80.0		68.5	25-150				
Surrogate: d5-N-EtFOSAA	48.4		"	80.0		60.5	25-150				
Surrogate: M2-6:2 FTS	68.4		"	75.9		90.1	25-150				
Surrogate: M2-8:2 FTS	69.6		"	76.6		90.8	25-150				
Surrogate: M9PFNA	81.9		"	80.0		102	25-150				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

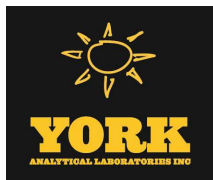
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC11015 - SPE Ext-PFAS-EPA 537.1M											
LCS (BC11015-BS1)						Prepared: 03/17/2021 Analyzed: 03/18/2021					
Perfluorobutanesulfonic acid (PFBS)	80.2	2.00	ng/L	70.8		113	50-130				
Perfluorohexanoic acid (PFHxA)	93.1	2.00	"	80.0		116	50-130				
Perfluoroheptanoic acid (PFHpA)	85.7	2.00	"	80.0		107	50-130				
Perfluorohexanesulfonic acid (PFHxS)	82.5	2.00	"	73.0		113	50-130				
Perfluorooctanoic acid (PFOA)	87.0	2.00	"	80.0		109	50-130				
Perfluorooctanesulfonic acid (PFOS)	79.2	2.00	"	74.1		107	50-130				
Perfluorononanoic acid (PFNA)	88.3	2.00	"	80.0		110	50-130				
Perfluorodecanoic acid (PFDA)	88.9	2.00	"	80.0		111	50-130				
Perfluoroundecanoic acid (PFUnA)	90.0	2.00	"	80.0		112	50-130				
Perfluorododecanoic acid (PFDoA)	88.4	2.00	"	80.0		111	50-130				
Perfluorotridecanoic acid (PFTDA)	76.1	2.00	"	80.0		95.1	50-130				
Perfluorotetradecanoic acid (PFTA)	83.4	2.00	"	80.0		104	50-130				
N-MeFOSAA	84.0	2.00	"	80.0		105	50-130				
N-EtFOSAA	82.4	2.00	"	80.0		103	50-130				
Perfluoropentanoic acid (PFPeA)	85.5	2.00	"	80.0		107	50-130				
Perfluoro-1-octanesulfonamide (FOSA)	83.7	2.00	"	80.0		105	50-130				
Perfluoro-1-heptanesulfonic acid (PFHpS)	85.8	2.00	"	76.0		113	50-130				
Perfluoro-1-decanesulfonic acid (PFDS)	73.3	2.00	"	77.2		95.0	50-130				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	86.8	5.00	"	76.0		114	50-130				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	85.4	2.00	"	76.8		111	50-130				
Perfluoro-n-butanoic acid (PFBA)	82.1	2.00	"	80.0		103	50-130				
Surrogate: M3PFBS	71.4		"	74.3		96.1	25-150				
Surrogate: M5PFHxA	75.5		"	80.0		94.4	25-150				
Surrogate: M4PFHpA	79.3		"	80.0		99.1	25-150				
Surrogate: M3PFHxS	74.1		"	75.7		97.9	25-150				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	79.7		"	80.0		99.7	25-150				
Surrogate: M6PFDA	77.2		"	80.0		96.5	25-150				
Surrogate: M7PFUdA	72.8		"	80.0		91.0	25-150				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	70.5		"	80.0		88.1	25-150				
Surrogate: M2PFTeDA	49.1		"	80.0		61.4	10-150				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	83.9		"	80.0		105	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	78.5		"	76.6		102	25-150				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	79.5		"	80.0		99.3	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	32.6		"	80.0		40.8	10-150				
Surrogate: d3-N-MeFOSAA	76.1		"	80.0		95.1	25-150				
Surrogate: d5-N-EtFOSAA	76.0		"	80.0		95.0	25-150				
Surrogate: M2-6:2 FTS	71.7		"	75.9		94.4	25-150				
Surrogate: M2-8:2 FTS	76.3		"	76.6		99.5	25-150				
Surrogate: M9PFNA	78.2		"	80.0		97.7	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
Batch BC11015 - SPE Ext-PFAS-EPA 537.1M											
LCS Dup (BC11015-BSD1)						Prepared: 03/17/2021 Analyzed: 03/18/2021					
Perfluorobutanesulfonic acid (PFBS)	72.5	2.00	ng/L	70.8		102	50-130		10.0	30	
Perfluorohexanoic acid (PFHxA)	82.6	2.00	"	80.0		103	50-130		12.0	30	
Perfluoroheptanoic acid (PFHpA)	84.2	2.00	"	80.0		105	50-130		1.81	30	
Perfluorohexanesulfonic acid (PFHxS)	63.4	2.00	"	73.0		87.0	50-130		26.1	30	
Perfluorooctanoic acid (PFOA)	80.3	2.00	"	80.0		100	50-130		7.97	30	
Perfluorooctanesulfonic acid (PFOS)	57.7	2.00	"	74.1		77.9	50-130		31.3	30	Non-dir.
Perfluorononanoic acid (PFNA)	79.5	2.00	"	80.0		99.4	50-130		10.4	30	
Perfluorodecanoic acid (PFDA)	80.9	2.00	"	80.0		101	50-130		9.44	30	
Perfluoroundecanoic acid (PFUnA)	85.4	2.00	"	80.0		107	50-130		5.26	30	
Perfluorododecanoic acid (PFDoA)	80.2	2.00	"	80.0		100	50-130		9.80	30	
Perfluorotridecanoic acid (PFTriDA)	72.1	2.00	"	80.0		90.2	50-130		5.30	30	
Perfluorotetradecanoic acid (PFTA)	82.4	2.00	"	80.0		103	50-130		1.24	30	
N-MeFOSAA	83.9	2.00	"	80.0		105	50-130		0.130	30	
N-EtFOSAA	86.7	2.00	"	80.0		108	50-130		5.10	30	
Perfluoropentanoic acid (PFPeA)	84.4	2.00	"	80.0		106	50-130		1.29	30	
Perfluoro-1-octanesulfonamide (FOSA)	80.7	2.00	"	80.0		101	50-130		3.56	30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	82.9	2.00	"	76.0		109	50-130		3.42	30	
Perfluoro-1-decanesulfonic acid (PFDS)	76.5	2.00	"	77.2		99.1	50-130		4.25	30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	74.8	5.00	"	76.0		98.4	50-130		14.9	30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	84.4	2.00	"	76.8		110	50-130		1.14	30	
Perfluoro-n-butanoic acid (PFBA)	81.2	2.00	"	80.0		101	50-130		1.17	30	
Surrogate: M3PFBS	67.8		"	74.3		91.2	25-150				
Surrogate: M5PFHxA	72.7		"	80.0		90.8	25-150				
Surrogate: M4PFHpA	72.8		"	80.0		90.9	25-150				
Surrogate: M3PFHxS	68.3		"	75.7		90.2	25-150				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	76.4		"	80.0		95.5	25-150				
Surrogate: M6PFDA	74.3		"	80.0		92.8	25-150				
Surrogate: M7PFUdA	70.8		"	80.0		88.5	25-150				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	69.5		"	80.0		86.9	25-150				
Surrogate: M2PFTeDA	59.3		"	80.0		74.1	10-150				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	73.0		"	80.0		91.3	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	68.5		"	76.6		89.5	25-150				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	72.2		"	80.0		90.3	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	49.8		"	80.0		62.2	10-150				
Surrogate: d3-N-MeFOSAA	61.8		"	80.0		77.3	25-150				
Surrogate: d5-N-EtFOSAA	62.6		"	80.0		78.2	25-150				
Surrogate: M2-6:2 FTS	72.8		"	75.9		95.9	25-150				
Surrogate: M2-8:2 FTS	73.3		"	76.6		95.7	25-150				
Surrogate: M9PFNA	73.8		"	80.0		92.2	25-150				



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 BC10937 - EPA 3550C

Blank (BC10937-BLK1)

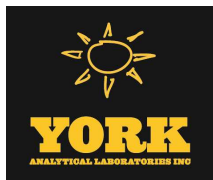
Prepared: 03/16/2021 Analyzed: 03/17/2021

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	65.2		"	66.4		98.2	30-150				
Surrogate: Tetrachloro-m-xylene	61.6		"	66.4		92.7	30-150				

LCS (BC10937-BS1)

Prepared: 03/16/2021 Analyzed: 03/17/2021

4,4'-DDD	44.3	1.64	ug/kg wet	33.2		133	40-140				
4,4'-DDE	30.5	1.64	"	33.2		91.8	40-140				
4,4'-DDT	27.7	1.64	"	33.2		83.4	40-140				
Aldrin	41.5	1.64	"	33.2		125	40-140				
alpha-BHC	39.0	1.64	"	33.2		117	40-140				
alpha-Chlordane	39.1	1.64	"	33.2		118	40-140				
beta-BHC	37.7	1.64	"	33.2		114	40-140				
delta-BHC	39.9	1.64	"	33.2		120	40-140				
Dieldrin	40.5	1.64	"	33.2		122	40-140				
Endosulfan I	47.4	1.64	"	33.2		143	40-140	High Bias			
Endosulfan II	42.1	1.64	"	33.2		127	40-140				
Endosulfan sulfate	42.2	1.64	"	33.2		127	40-140				
Endrin	37.9	1.64	"	33.2		114	40-140				
gamma-BHC (Lindane)	40.5	1.64	"	33.2		122	40-140				
Heptachlor	41.5	1.64	"	33.2		125	40-140				
Surrogate: Decachlorobiphenyl	68.1		"	66.4		102	30-150				
Surrogate: Tetrachloro-m-xylene	62.0		"	66.4		93.3	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 Y0L0501 - BL00027

Performance Mix (Y0L0501-PEM1)

Prepared & Analyzed: 12/05/2020

4,4'-DDD	4.16		ng/mL	0.00			0-200				
4,4'-DDE	1.04		"	0.00			0-200				
4,4'-DDT	182		"	200		91.2	0-200				
Endrin	97.9		"	100		97.9	0-200				

Batch Y1C1820 - BC10491

Performance Mix (Y1C1820-PEM1)

Prepared & Analyzed: 03/16/2021

4,4'-DDD	23.0		ng/mL	0.00			0-200				
4,4'-DDE	1.19		"	0.00			0-200				
4,4'-DDT	189		"	200		94.3	0-200				
Endrin	118		"	100		118	0-200				

Performance Mix (Y1C1820-PEM2)

Prepared: 03/16/2021 Analyzed: 03/17/2021

4,4'-DDD	25.3		ng/mL	0.00			0-200				
4,4'-DDE	0.953		"	0.00			0-200				
4,4'-DDT	192		"	200		96.2	0-200				
Endrin	127		"	100		127	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 BC10937 - EPA 3550C

Blank (BC10937-BLK2)

Prepared: 03/16/2021 Analyzed: 03/17/2021

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	0.0488		"	0.0664		73.5	30-120				
Surrogate: Decachlorobiphenyl	0.0405		"	0.0664		61.0	30-120				

LCS (BC10937-BS2)

Prepared: 03/16/2021 Analyzed: 03/17/2021

Aroclor 1016	0.198	0.0166	mg/kg wet	0.332		59.7	40-130				
Aroclor 1260	0.225	0.0166	"	0.332		67.6	40-130				
Surrogate: Tetrachloro-m-xylene	0.0475		"	0.0664		71.5	30-120				
Surrogate: Decachlorobiphenyl	0.0405		"	0.0664		61.0	30-120				

Matrix Spike (BC10937-MS2)

*Source sample: 21C0750-17 (WC Comp 2 20210316)

Prepared: 03/16/2021 Analyzed: 03/17/2021

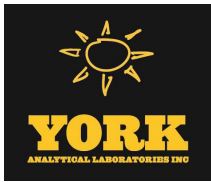
Aroclor 1016	0.174	0.0176	mg/kg dry	0.352	ND	49.6	40-140				
Aroclor 1260	0.213	0.0176	"	0.352	ND	60.6	40-140				
Surrogate: Tetrachloro-m-xylene	0.0450		"	0.0703		64.0	30-120				
Surrogate: Decachlorobiphenyl	0.0348		"	0.0703		49.5	30-120				

Matrix Spike Dup (BC10937-MSD2)

*Source sample: 21C0750-17 (WC Comp 2 20210316)

Prepared: 03/16/2021 Analyzed: 03/17/2021

Aroclor 1016	0.177	0.0176	mg/kg dry	0.352	ND	50.3	40-140	1.56	50		
Aroclor 1260	0.205	0.0176	"	0.352	ND	58.2	40-140	4.01	50		
Surrogate: Tetrachloro-m-xylene	0.0457		"	0.0703		65.0	30-120				
Surrogate: Decachlorobiphenyl	0.0401		"	0.0703		57.0	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 Y1C1729 - BC10989

Aroclor Reference (Y1C1729-ARC1)

Prepared & Analyzed: 03/17/2021

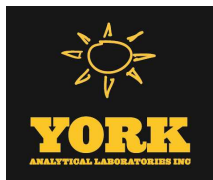
Surrogate: Tetrachloro-m-xylene	0.210		ug/mL	0.200		105					
Surrogate: Decachlorobiphenyl	0.0680		"	0.200		34.0					



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
Batch BC10986 - EPA 3550C/8151A											
Blank (BC10986-BLK1)						Prepared & Analyzed: 03/17/2021					
2,4,5-TP (Silvex)	ND	20.0	ug/kg wet								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	396		"	417		95.0	21-150				
LCS (BC10986-BS1)						Prepared & Analyzed: 03/17/2021					
2,4,5-TP (Silvex)	98.3	20.0	ug/kg wet	133		73.8	10-120				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	387		"	417		92.8	21-150				
LCS Dup (BC10986-BSD1)						Prepared & Analyzed: 03/17/2021					
2,4,5-TP (Silvex)	108	20.0	ug/kg wet	133		81.2	10-120		9.68	30	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	431		"	417		103	21-150				
Matrix Spike (BC10986-MS1)						*Source sample: 21C0750-16 (WC Comp 1 20210316)					
2,4,5-TP (Silvex)	98.0	21.4	ug/kg dry	143	ND	68.7	10-120				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	386		"	446		86.6	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 BC10972 - EPA 3050B

Blank (BC10972-BLK1)

Prepared: 03/16/2021 Analyzed: 03/17/2021

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 (BC10972-DUP1)

*Source sample: 21C0750-21 (WC Comp 6 20210316)

Prepared: 03/16/2021 Analyzed: 03/17/2021

Arsenic	8.83	1.68	mg/kg dry	6.24	34.3	35
Barium	73.2	2.80	"	90.6	21.2	35
Beryllium	0.119	0.056	"	ND		35
Cadmium	0.380	0.336	"	0.434	13.3	35
Chromium	18.9	0.561	"	20.8	9.47	35
Copper	47.0	2.24	"	37.9	21.5	35
Lead	38.6	0.561	"	47.5	20.7	35
Manganese	592	0.561	"	670	12.3	35
Nickel	26.7	1.12	"	27.8	4.24	35
Selenium	ND	2.80	"	ND		35
Silver	ND	0.561	"	ND		35
Zinc	89.7	2.80	"	97.6	8.47	35

Matrix Spike (BC10972-MS1)

*Source sample: 21C0750-21 (WC Comp 6 20210316)

Prepared: 03/16/2021 Analyzed: 03/17/2021

Arsenic	225	1.68	mg/kg dry	224	6.24	97.6	75-125
Barium	299	2.80	"	224	90.6	93.0	75-125
Beryllium	5.46	0.056	"	5.61	ND	97.4	75-125
Cadmium	5.82	0.336	"	5.61	0.434	96.0	75-125
Chromium	40.5	0.561	"	22.4	20.8	88.0	75-125
Copper	66.9	2.24	"	28.0	37.9	103	75-125
Lead	96.6	0.561	"	56.1	47.5	87.6	75-125
Manganese	708	0.561	"	56.1	670	67.9	75-125
Nickel	82.5	1.12	"	56.1	27.8	97.4	75-125
Selenium	186	2.80	"	224	ND	83.0	75-125
Silver	4.84	0.561	"	5.61	ND	86.4	75-125
Zinc	140	2.80	"	56.1	97.6	75.0	75-125



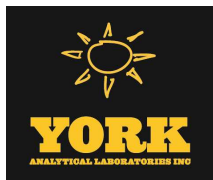
Metals by ICP - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BC10972 - EPA 3050B

Post Spike (BC10972-PS1)		*Source sample: 21C0750-21 (WC Comp 6 20210316)					Prepared: 03/16/2021 Analyzed: 03/17/2021				
Arsenic	2.15		ug/mL	2.00	0.056	105	75-125				
Barium	2.84		"	2.00	0.808	101	75-125				
Beryllium	0.050		"	0.0500	-0.0007	101	75-125				
Cadmium	0.056		"	0.0500	0.004	104	75-125				
Chromium	0.376		"	0.200	0.185	95.1	75-125				
Copper	0.581		"	0.250	0.338	97.3	75-125				
Lead	0.938		"	0.500	0.424	103	75-125				
Manganese	6.24		"	0.500	5.97	52.7	75-125	Low Bias			
Nickel	0.764		"	0.500	0.248	103	75-125				
Selenium	1.77		"	2.00	-0.168	88.4	75-125				
Silver	0.044		"	0.0500	-0.010	88.3	75-125				
Zinc	1.31		"	0.500	0.870	88.6	75-125				

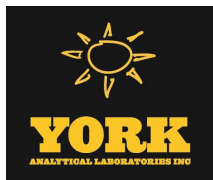
Reference (BC10972-SRM1)		Prepared: 03/16/2021 Analyzed: 03/17/2021									
Arsenic	164	1.50	mg/kg wet	162		101	70.1-129.8				
Barium	142	2.50	"	138		103	75-125				
Beryllium	154	0.050	"	157		98.1	75-125.2				
Cadmium	135	0.300	"	135		100	74.8-125.2				
Chromium	112	0.500	"	117		95.9	70.1-129.9				
Copper	142	2.00	"	143		99.6	75.3-125.3				
Lead	76.6	0.500	"	77.6		98.8	70-130				
Manganese	325	0.500	"	319		102	78.1-122				
Nickel	90.2	1.00	"	79.9		113	70.1-130.1				
Selenium	145	2.50	"	172		84.1	55.7-144.5				
Silver	22.7	0.500	"	24.7		91.8	69.2-130.8				
Zinc	308	2.50	"	312		98.6	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 BC10982 - EPA 7473 soil											
Blank (BC10982-BLK1)											
Mercury	ND	0.0300	mg/kg wet						Prepared: 03/16/2021	Analyzed: 03/17/2021	
Duplicate (BC10982-DUP1)											
	*Source sample: 21C0447-06 (Duplicate)										
Mercury	0.0387	0.0334	mg/kg dry		ND				Prepared: 03/16/2021	Analyzed: 03/17/2021	35
Matrix Spike (BC10982-MS1)											
	*Source sample: 21C0447-06 (Matrix Spike)										
Mercury	0.482	0.0334	mg/kg dry	0.278	ND	173	75-125	High Bias	Prepared: 03/16/2021	Analyzed: 03/17/2021	
Reference (BC10982-SRM1)											
Mercury	16.949	0.0300	mg/kg wet	0.00272		NR	59.9-140.1	High Bias	Prepared: 03/16/2021	Analyzed: 03/17/2021	



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
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Batch BC10998 - Analysis Preparation Soil

Blank (BC10998-BLK1)											Prepared & Analyzed: 03/17/2021
Cyanide, total	ND	0.500	mg/kg wet								
Duplicate (BC10998-DUP1)											Prepared & Analyzed: 03/17/2021
*Source sample: 21C0772-03 (Duplicate)											
Cyanide, total	ND	0.531	mg/kg dry		ND					15	
Matrix Spike (BC10998-MS1)											Prepared & Analyzed: 03/17/2021
*Source sample: 21C0772-03 (Matrix Spike)											
Cyanide, total	6.43	0.531	mg/kg dry	10.6	ND	60.6	79.6-107	Low Bias			
Reference (BC10998-SRM1)											Prepared & Analyzed: 03/17/2021
Cyanide, total	58.0		ug/mL	91.9		63.2	42.22-159.96				

Batch BC10999 - EPA SW846-3060

Blank (BC10999-BLK1)											Prepared & Analyzed: 03/17/2021
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Duplicate (BC10999-DUP1)											Prepared & Analyzed: 03/17/2021
*Source sample: 21C0783-03 (Duplicate)											
Chromium, Hexavalent	ND	0.532	mg/kg dry		ND					35	
Matrix Spike (BC10999-MS1)											Prepared & Analyzed: 03/17/2021
*Source sample: 21C0783-03 (Matrix Spike)											
Chromium, Hexavalent	24.9	0.532	mg/kg dry	21.3	ND	117	75-125				
Matrix Spike (BC10999-MS2)											Prepared & Analyzed: 03/17/2021
*Source sample: 21C0783-03 (Matrix Spike)											
Chromium, Hexavalent	24.5	0.532	mg/kg dry	21.3	ND	115	75-125				
Reference (BC10999-SRM1)											Prepared & Analyzed: 03/17/2021
Chromium, Hexavalent	71.9		mg/L	109		65.9	30-169.7				



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 BC11004 - % Solids Prep

Duplicate (BC11004-DUP1)		*Source sample: 21C0750-20 (WC Comp 5 20210316)						Prepared & Analyzed: 03/17/2021			
% Solids	93.4	0.100	%		94.4				1.08	20	

Batch BC11005 - % Solids Prep

Duplicate (BC11005-DUP1)		*Source sample: 21C0800-04 (Duplicate)						Prepared & Analyzed: 03/17/2021			
% Solids	95.3	0.100	%		95.1				0.187	20	



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
21C0750-01	WC Grab 1 20210316	40mL Vial with Stir Bar-Cool 4° C
21C0750-02	WC Grab 2 20210316	40mL Vial with Stir Bar-Cool 4° C
21C0750-03	WC Grab 3 20210316	40mL Vial with Stir Bar-Cool 4° C
21C0750-04	WC Grab 4 20210316	40mL Vial with Stir Bar-Cool 4° C
21C0750-05	WC Grab 5 20210316	40mL Vial with Stir Bar-Cool 4° C
21C0750-06	WC Grab 6 20210316	40mL Vial with Stir Bar-Cool 4° C
21C0750-07	WC Grab 7 20210316	40mL Vial with Stir Bar-Cool 4° C
21C0750-08	WC Grab 8 20210316	40mL Vial with Stir Bar-Cool 4° C
21C0750-09	WC Grab 9 20210316	40mL Vial with Stir Bar-Cool 4° C
21C0750-10	WC Grab 10 20210316	40mL Vial with Stir Bar-Cool 4° C
21C0750-11	WC Grab 11 20210316	40mL Vial with Stir Bar-Cool 4° C
21C0750-12	WC Grab 12 20210316	40mL Vial with Stir Bar-Cool 4° C
21C0750-13	WC Grab 13 20210316	40mL Vial with Stir Bar-Cool 4° C
21C0750-14	WC Grab 14 20210316	40mL Vial with Stir Bar-Cool 4° C
21C0750-15	WC Grab 15 20210316	40mL Vial with Stir Bar-Cool 4° C



Sample and Data Qualifiers Relating to This Work Order

S-08	The recovery of this surrogate was outside of QC limits.
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.
QC-LCS	LCS/LCS Dup recovery was above laboratory control limits. Sample does not contain any target compounds; therefore sample results are acceptable.
PF-LCS-H	The LCS recovery was slightly above acceptable limits for the qualified compound. However, sample results are not biased high because results are corrected for isotope recovery.
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-ICV2	The recovery for this element in the ICV was outside the 90-110% recovery criteria.
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-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.



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YORK
ANALYTICAL LABORATORIES INC.

Field Chain-of-Custody Record

YORK Project No.

2100750

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.

Page 1 of 4

YOUR INFORMATION		Report To:		Invoice To:		YOUR Project Number		Turn-Around Time	
Company:	PVE Engineering	Company:		Company:		560909		RUSH - Next Day	
Address:	485 Spring St. Ave	Address:		Address:		560909 - onekey		RUSH - Two Day	
Phone:	845-454-2544	Phone:		Phone:				RUSH - Three Day	
Contact:	Trevor Treglia	Contact:		Contact:				RUSH - Four Day	
E-mail:	treglia@pve.com	E-mail:		E-mail:				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 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					
Sample Identification		Sample Matrix		Date/Time Sampled		Analysis Requested		Container Description	
WC Grab 1 20210316		S		3/16/21 9:15		Part 375 VOCs		5035 Kit	
WC Grab 2 20210316		S		19:20				(each)	
WC Grab 3 20210316		S		19:25					
WC Grab 4 20210316		S		19:30					
WC Grab 5 20210316		S		19:35					
WC Grab 6 20210316		S		19:40					
WC Grab 7 20210316		S		19:45					
WC Grab 8 20210316		S		19:50					
WC Grab 9 20210316		S		19:55					
WC Grab 10 20210316		S		10:00					
Comments:		Preservation: (check all that apply)		HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___					
		Ascorbic Acid ___ Other: ___							
Samples Relinquished by / Company		Date/Time		Samples Relinquished by / Company		Date/Time		Special Instruction	
PVE		3-16-21 13:00		Chile		3-16-21 1520		Field Filtered Lab to Filter	
Samples Received by / Company		Date/Time		Samples Received by / Company		Date/Time			
Samples Relinquished by / Company		Date/Time		Samples Received in LAB by		Date/Time		Temp. Received at Lab	
				Tad 3/16/2021 1520		1-6		Degrees C	

