

Dermody Consulting
Geologists and Environmental Scientists
32 Chichester Avenue, Center Moriches, NY 11934
Tel. 631 905-4868 Email pdermody@dm-consulting.net

March 11, 2025

Mr. Jared Donaldson
New York State Department
of Environmental Conservation
Division of Environmental Remediation
625 Broadway
Albany, New York 12233-7015

**Re: Groundwater/Soil Sampling Report
Former Elka Chemical Corporation Property
340 West Hoffman Ave.
Lindenhurst, Suffolk County, New York
NYSDEC Project No. 152239**

Dear Mr. Donaldson:

Eastern Environmental Solutions/Dermody Consulting performed soil and groundwater sampling related to the above-referenced property in June/July, 2024. Sampling was performed at 17 selected groundwater monitoring wells at and upgradient/downgradient of the above-referenced property (the "Site"). In addition, soil samples were obtained at 9 locations and at two depth intervals, 0-6 and 6-12 inches, at each location. The groundwater and soil samples obtained were analyzed for Target Compound List volatile and semi-volatile organic compounds (VOCs and SVOCs) by US Environmental Protection Agency Methods 8260 and 8270. The soil samples were also analyzed for Target Analyte List (TAL) Metals. Duplicate samples were also obtained at selected locations and are shown in the summary results tables in Appendix A.

As per the approved work plan, only wells that showed groundwater exceedances of the Ambient Water Quality Standards (AWQS) for VOCs, SVOCs, or both during the initial round of sampling (from 2018) were re-sampled. The locations of the wells that were not sampled due to a lack of exceedances of VOCs or SVOCs are shown in Figures 1 through 4 and include GP-2D, MW-3S/D, MW-4S/D, GP-6S/D, GP-7D, GP-8D, GP-10D, GP-12D, GP-14D, GP-15S/D, GP-16D, GW-1, GW-2, GW-3 (15-20'), GW-4 (15-20'), GW-5 (15-20'), GW-6 (7-12' and 15-20'), GW-7 (7-12' and 20-25'), GW-8 (7-12', 15-20', 25-30', and 35-40'), GW-9 (7-12', 15-20', 25-30', 35-40' and 55-60'), GW-10 (7-12', 15-20', 25-30', 35-40', and 55-60'), GW-11 (7-12', 15-20', 25-30', 35-40', and 55-60'), and GW-12 (7-12', 25-30', 35-40', and 55-60').

In addition, the upgradient, off-Site upgradient well (GW-2) was sampled for VOCs although it showed no exceedances of the Standards during the 2018 sampling. Groundwater monitoring well GW-4 was also not sampled since it did not contain groundwater (it may have been damaged). Finally, upgradient groundwater well GW-1 was also not sampled since the PVC within the well was damaged.

Figure 1 shows the Site layout and the 2018 sampling results that showed exceedances of the NYSDEC Ambient Water Quality Standards (AWQS) for VOCs. Figure 2 shows the 2018 AWQS exceedances for SVOCs. Figure 3 provides the 2018 exceedances for off-Site VOCs and Figure 4 shows the 2018 off-Site SVOC exceedances (there were no exceedances).

Figure 5 shows the 2024 on-Site soil sampling locations and Commercial Use Soil Cleanup Objectives CUSCOs). Figure 6 shows the 2024 on-Site groundwater sampling locations, and Figure 7 shows the 2024 off-Site groundwater sampling locations. Both Figures 6 and 7 also include the exceedances of the AWQS.

Purpose

The purpose of the groundwater and soil sampling was to determine current conditions. This information is proposed to be used to create a groundwater remediation plan (which is expected to consist of chemical enhanced biodegradation) and to determine if soil on the western portion of the Site meets the NYCRR Part 375-6.8 CUSCOs.

Soil Sampling Procedures

Soil sampling was performed at 9 locations on the unpaved western portion of the Site (see Figure 5). The samples were collected with a decontaminated stainless steel hand auger. Prior to sampling, the hand auger was placed in a bucket with Liquinox and water. The auger was scrubbed, rinsed with potable water, and finally rinsed with deionized water.

The samples at each location were obtained from depths of 0 to 6 inches and then 6 to 12 inches below grade and transferred to laboratory-supplied glassware, sealed, labeled, and placed in a cooler with ice.

Groundwater Sampling Procedures

Based on the prior sampling, it was determined that the groundwater contaminants of concern at and downgradient of the Site consisted of VOCs and SVOCs. The impacted groundwater was primarily confined to the shallow groundwater zone. The depth to the water table is approximately 5 feet and the topography of the Site and vicinity is generally level. The wells that were sampled contained either a single well, or two or more clustered wells in one borehole.

Primary groundwater samples were obtained from 17 on-Site shallow and deeper wells (see Figure 6 for on-Site well locations) and off-Site downgradient wells adjacent and south of West Hoffman Avenue (see Figure 7).

Prior to groundwater sampling, the presence of floating product was evaluated using an oil/water interface probe. No floating product was detected at any of the wells that were sampled. The groundwater monitoring wells were then purged utilizing a Geotech peristaltic pump with a low-flow controller and dedicated tubing. All wells were purged at a flow rate of 0.5 liters per minute. Stability parameters were measured at a minimum of five-minute intervals. Sampling commenced when three consecutive readings

were within plus or minus 0.1 pH, 10 mV RedOx Potential, 3 percent temperature and specific conductivity, and 10 percent dissolved oxygen and turbidity (turbidity must be below 50 NTUs). Prior to collecting the groundwater samples, the flow rate was decreased to 0.1 liters per minute. The stability parameter readings and water level measurements and depth of well measurements for each monitoring well were recorded.

Quality Assurance/ Quality Control (QA/QC) Samples

For each media (groundwater and soil), one laboratory duplicate sample (marked with an identification that does not reveal that the sample is a duplicate), one matrix spike and one matrix spike duplicate, and one equipment blank was obtained each day or one for each 20 primary samples collected. For the groundwater equipment blank, laboratory-supplied, analyte-free water was supplied to the intake polyethylene tubing and collected from the discharge polyethylene tubing on the low-flow pump and collected in laboratory-supplied glassware for the analysis of VOCs and SVOCs. The low-flow pump was decontaminated prior to obtaining the equipment blank by running analyte-free, laboratory-supplied water through the pump and its tubing.

For the soil samples, laboratory-supplied deionized water was poured through the decontaminated hand auger and collected in laboratory-supplied glassware for the analysis of VOCs, SVOCs, and metals.

Laboratory-prepared trip blanks were prepared at a rate of one per day or one per 20 samples and analyzed for VOCs. A trip blank was placed in each cooler containing samples to be analyzed for VOCs. The trip blanks were analyzed for VOCs.

All samples were collected and transferred to laboratory-supplied glassware, properly preserved, and placed in an ice-filled cooler and transferred to the custody of a NYSDOH ELAP-approved laboratory (York Analytical Laboratories, Inc.) All sample analyses were performed with NYSDEC ASP Category B deliverables. Chain of Custody forms were completed to document sample possession.

The VOC groundwater samples were collected and transferred to laboratory-supplied 40 milliliter VOC vials with Teflon septa and zero headspace. The VOC samples were preserved with hydrochloric acid added by the laboratory prior to supplying the vials. The SVOC samples were collected in one-liter amber glass bottles. All samples were placed in ice-filled coolers to maintain a temperature of 4 degrees Celsius. The samples were transferred to the laboratory within 48 hours of sample collection.

All primary groundwater and soil samples as well as all Quality Assurance/ Quality Control (QA/QC) samples were analyzed with NYSDEC ASP Category B deliverables. All laboratory data were formatted for upload and submitted to NYSDEC as EQuIS Electronic Data Deliverables (EDDs).

The laboratory data were validated by an independent third party. Data validation was performed in accordance with the guidelines established in Appendix 2B of the Final DER-10 Guidance for Site Investigation and Remediation. Validation reports consist of

text results of the review and marked up copies of Form I (results with qualifiers applied by the validator). Validation consists of target and non-target compounds with corresponding method blank data, spike and surrogate recoveries, sample data, and a final note of validation decision or qualification, along with any pertinent footnote references. Qualifiers applied to the data were documented in the report text.

A Data Usability Summary Report (DUSR) was prepared in accordance with DER-10 procedures and requirements and provided as a separate report for each sample delivery group. The DUSR provides both a quantitative and qualitative analysis of the data. The quantitative aspect is a summary of the data quality as expressed by qualifiers applied to the data; the percent rejected, qualified (i.e., estimated), missing, and fully acceptable data are reported. The qualitative element of the data usability summary is the translation and summary of the validation reports into a discussion useful to data users. The qualitative aspect discusses the significance of the qualifications applied to the data, especially in terms of those most relevant to the intended use of the data.

The Site figures are provided in provided in Attachment A. The summary sampling results Tables 1 to 5 are provided in Attachment B and include the primary samples as well as the duplicate samples for the groundwater and soil samples as well as the field and trip blanks. The DUSR is provided in Attachment C and includes the laboratory reports.

VOC Groundwater Sampling Results

Table 1 provides a summary of the laboratory results for VOCs. The VOCs detected in the wells primarily consist of petroleum-related compounds. Exceedances of the AWQS remain present in wells GW-7 (7-12'), GW-7 (15-20'), GW-3S, GP-7S, GP-8, GP-10D, and GP-12S, GP-14S, GP-14 D, GP-15S, GP-16S, and GP-16D.

The highest concentration detected was 3,020 ug/l of xylene at well GP-15S. All other exceedances of the AQWS were one or more orders of magnitude lower than the xylene result.

SVOC Groundwater Sampling Results

Table 2 shows a summary of the SVOC results. Although several SVOCs were detected, there were only two SVOCs detected above the AWQS: naphthalene at G-14S at 88.6 micrograms per liter (ug/l) and at GP-7S at 31.0 ug/l. The AWQS for naphthalene is 10 ug/l.

VOC Soil Sampling Results

Table 3 shows the VOC soil sampling results from the western portion of the Site. There were few VOCs detected in the shallow (0-6") and deep (6-12") samples and no VOCs were detected above the CUSCOs in any of these samples.

SVOC Soil Sampling Results

Table 4 provides the SVOC results in the shallow (0-6") and deep (6-12") samples. Dibenzo(a,h)anthracene was detected at 0.674 J mg/kg (the CUSCO is 0.56 mg/kg) at

SB-1 (6-12”) and benzo(a)anthracene was detected at SB-9 (6-12”) at 2.32 mg/kg (the CUSCO is 1 mg/kg).

Metals Soil Sampling Results

Table 5 provides the metals results for the shallow (0-6”) and deep (6-12”) samples and no metals were detected above the CUSCOs in any of these samples.

DUSR Results

Data Usability Summary Reports (DUSRs) were prepared for each of the four Sample Delivery Groups for this project. The DUSRs were prepared by Stephanie Davis of FPM Group. The DUSR is provided in Attachment C.

The results of the evaluation show that the data were reported to have been collected in accordance with the approved (Quality Assurance Project Plan (QAPP) for this project. As per the DUSR, all data appears adequate for its intended use.

However, there was contamination found in the trip blanks and equipment blanks. As discussed with Ms. Davis, there were no broken bottles reported from the lab that may have contaminated the blanks. The trip blanks were prepared by the laboratory, placed in sealed zip-lock bags, and were not opened. There were detections of analytes in the equipment blanks that were not present in the primary samples. The equipment blanks were prepared with laboratory-supplied water. All groundwater samples were obtained with the same pump and multi-parameter meter. This may indicate that the laboratory water contained these analytes.

Although all sample data is usable, during the DUSR process, some of the VOC results were flagged with a “J” qualifier, indicating that the value reported is estimated.

Conclusions

Based on the Site groundwater and soil sampling results, the primary issue of concern is the remaining concentrations of primarily petroleum-related VOCs in the groundwater at and downgradient of the Site. There are also AWQS exceedances for the SVOC naphthalene at two locations.

The concentrations of groundwater contaminants have generally decreased over time, however, exceedances of the groundwater AWQS remain.

For the Site soil at the western portion of the Site, there were no exceedances of the CUSCOs for VOCs. For the SVOCs, the soil at SB-1 (6-12”) had a slight exceedance of the SCOs for dibenzo(a,h)anthracene of 0.674 J mg/kg (the CUSCO is 0.56 mg/kg) and benzo(a)pyrene was detected at SB-9 (6-12”) at 2.32 mg/kg (the SCO is 1 mg/kg) . There was also an exceedance of copper at SB-2 (6-12”) of 342 mg/kg (The CUSCO is 270 mg/kg).

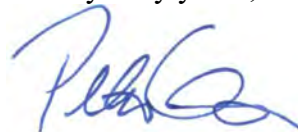
Recommendations

Based on these findings, a work plan to address the elevated VOC concentrations in the groundwater is proposed. This would include chemically-enhanced biodegradation through chemical injection in groundwater corridors where VOCs are present at elevated concentrations. The work plan would include the installation of a Sub-Slab Depressurization System to address the potential for soil vapor intrusion at the Site building.

The soil on the western portion of the Site was previously determined by the NYSDEC to be suitable as cover material although for locations GP-6, GP-8, the upper two inches of soil will be removed from a circular area with a diameter of 8 feet around the sampling locations. For locations SB-1, SB-2, and SB-9, the soil will be excavated to a depth of 12 inches with a diameter of 8 feet around the sampling location. The excavated soil will be placed in 55-gallon drums and will be properly disposed. The soil excavation and disposal will be included in the work plan.

Should you have any questions, please feel free to contact me.

Very truly yours,

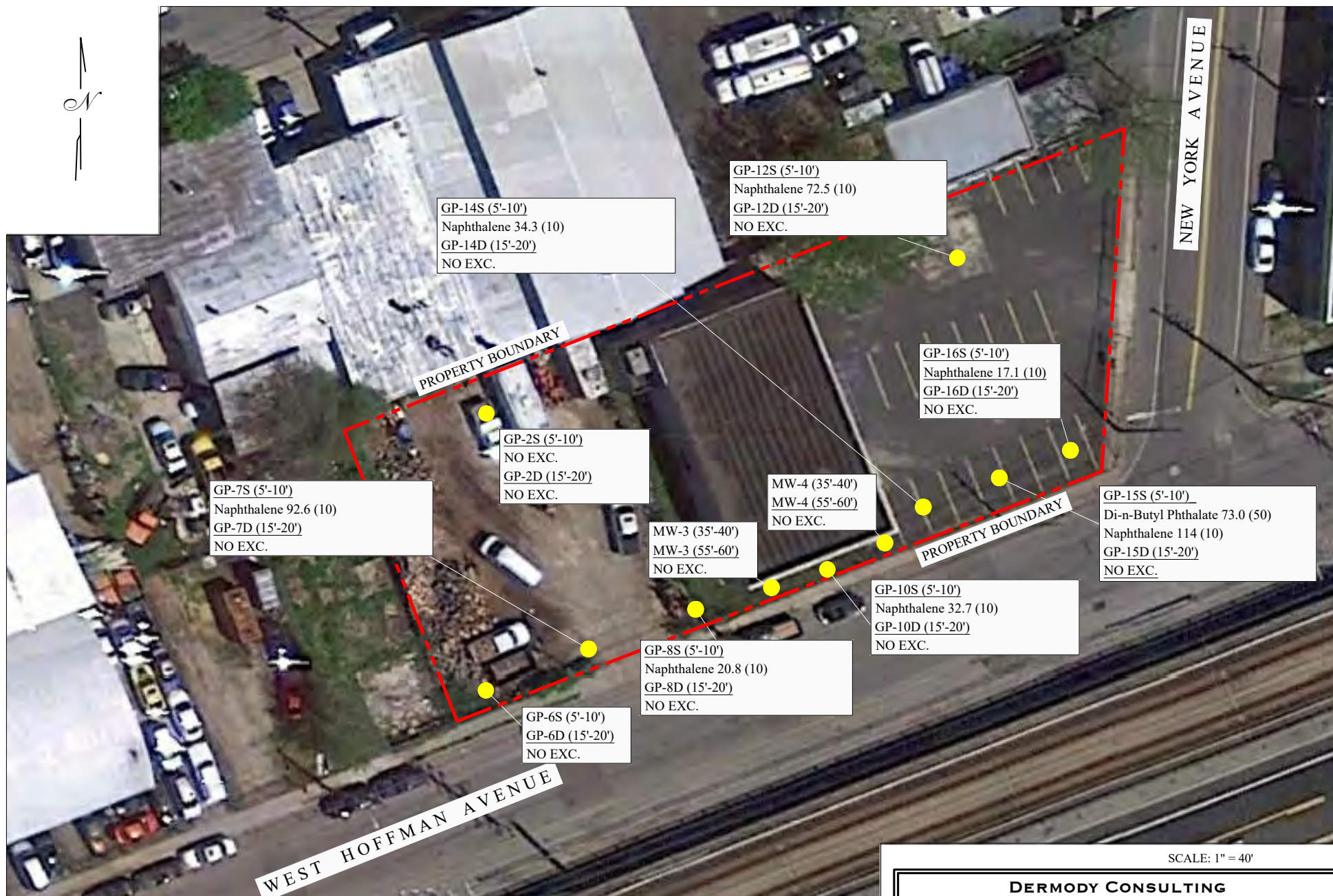


Peter Dermody, C.P.G.
Principal Hydrogeologist

cc: James Mulvey
Michael Flynn
Barry Cohen, Esq.
Robert Corcoran
Stephanie Selmer
Renata Ockerby

Appendix A





SCALE: 1" = 40'

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FIGURE 2

2018 ON-SITE GROUNDWATER SAMPLING LOCATIONS AND
SVOC EXCEEDANCES OF AMBIENT WATER QUALITY STANDARDS
340 WEST HOFFMAN AVENUE
LINDENHURST, NEW YORK



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FIGURE 3
2018 OFF-SITE GROUNDWATER SAMPLING LOCATIONS
AND VOC EXCEEDANCES OF
AMBIENT WATER QUALITY STANDARDS
340 WEST HOFFMAN AVENUE
LINDENHURST, NEW YORK



LEGEND

- 
GW-4
 NO EXC.
- OFF-SITE GROUNDWATER SAMPLING LOCATION
 AND SVOC EXCEEDANCES OF AWQS. AWQS
 STANDARDS ARE SHOWN IN PARENTHESES. ALL
 VALUES SHOWN ARE IN ug/l.

SCALE: 1" = 280'

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 CENTER MORICHES, NEW YORK

FIGURE 4
 2018 OFF-SITE GROUNDWATER SAMPLING LOCATIONS
 AND SVOC EXCEEDANCES OF
 AMBIENT WATER QUALITY STANDARDS
 340 WEST HOFFMAN AVENUE
 LINDENHURST, NEW YORK



LEGEND

- ON-SITE SAMPLING LOCATION AND EXCEEDANCES OF SCO_s AND DETECTED CONCENTRATIONS. SCO_s ARE SHOWN IN PARENTHESES. ALL VALUES IN mg/kg.

SCALE: 1" = 40'

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CENTER MORICHES, NEW YORK

FIGURE 5

2024 ON-SITE SOIL EXCEEDANCES OF
COMMERCIAL USE SCO_s

340 WEST HOFFMAN AVENUE
LINDENHURST, NEW YORK



LEGEND

- **GW-12 (20-25')**
NO EXC.
- OFF-SITE GROUNDWATER SAMPLING LOCATION AND VOC EXCEEDANCES OF AWQS. AWQS VALUES ARE SHOWN IN PARENTHESES. ALL VALUES SHOWN ARE IN ug/l.

SCALE: 1" = 280'

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FIGURE 7

2024 OFF-SITE GROUNDWATER VOC EXCEEDANCES
OF THE AMBIENT WATER QUALITY STANDARDS

340 WEST HOFFMAN AVENUE
LINDENHURST, NEW YORK

Appendix B

Table 1
Volatile Organic Compounds in Groundwater (in ug/l)
Former Elka Chemical Site No. 152239
Sample Date: June 16, 2024

Analytes	GW-2	GW-5S	GW-5A (Dup. of GW-5S)	GW-7 (7-12')	GW-7 (15-20')	GW-12D	TB-1	EB-2	NYSDEC Ambient Water Quality Standards
Tetrachloroethylene	0.490 J	ND	ND	ND	ND	ND	ND	ND	5
1,2,4-Trimethylbenzene	ND	0.310 J	0.430 J	0.400 J	36.8	ND	ND	ND	5
Chlorobenzene	ND	0.340 J	0.380 J	2.57	ND	0.460 J	ND	ND	5
Ethyl benzene	ND	0.630	0.650	0.920	0.710	ND	ND	ND	5
Isopropylbenzene	ND	2.08	2.89	147	64.8	0.440 J	ND	ND	5
Naphthalene	ND	0.520 J	2.37	4.06	31.8	ND	0.350 J	ND	10
n-Propylbenzene	0.410 J	2.15	3.63	240	122	1.16	ND	ND	5
p&m Xylenes	ND	2.15	2.67	0.670 J	86.8	ND	ND	ND	--
p-Diethylbenzene	ND	1.09	1.41	10.6	7.98	1.87	1.93 J	ND	--
sec-Butylbenzene	ND	1.49	1.80	11.2	7.52	ND	ND	0.540	5
Xylenes, total	ND	2.29	2.67	1.01 J	87.1	ND	ND	5.42	5

Table 1 (continued)
Volatile Organic Compounds in Groundwater (in ug/l)
Former Elka Chemical Site No. 152239
Sample Date: June 11, 2024

Analyte	GW-3S	GP-7S	GP-8S	GP-10S	GP-10D	GP-12S	GP-12D	NYSDEC Ambient Water Quality Standards
Tetrachloroethylene	ND	1.06	0.250 J	ND	0.470 J	ND	0.970	5
1,2,4-Trimethylbenzene	5.33 J	ND	5.17 J	534	302	404	1.24	5
1,3,5-Trimethylbenzene	2.94	481	1.50	181	103	1.57	ND	5
Chlorobenzene	ND	ND	ND	ND	ND	0.470 J	ND	5
Ethyl benzene	2.68 J	256	4.77 J	371	11.5	137	0.410 J	5
Isopropylbenzene	76.3	73.2	0.710 J	47.5	37.6CCVE	22.8	ND	5
Naphthalene	0.970 J	72.4	0.810 J	49.2	6.60	39.1 B	ND	10
n-Propylbenzene	289	212	1.79	126	71.2CCVE	64.0	ND	5
p&m Xylenes	9.70	1090	18.3	838	27.8 J	2.49	ND	--
p-Diethylbenzene	26.2	51.9	1.01	95.2	13.3	7.50	ND	--
sec-Butylbenzene	26.4	11.2	0.550	37.1	4.70 J	5.28	ND	5
Xylenes, total	11.7 J	1380	21.6 J	838	27.8 J	2.89 J	ND	5
Toluene	ND	ND	ND	ND	ND	1.13	ND	5

Table 1 (continued)
Volatile Organic Compounds in Groundwater (in ug/l)
Former Elka Chemical Site No. 152239
Sample Date: June 11, 2024

Analyte	GW-3S	GP-7S	GP-8S	GP-10S	GP-10D	GP-12S	GP-12D	NYSDEC Ambient Water Quality Standards
p-Ethyltoluene	1.34 J	353	0.850 J	127	83.1 CCVE, QL-02	9.15 J	ND	--
cis-1,2-Dichloroethylene	ND	ND	ND	3.25	ND	ND	ND	5
Styrene	ND	8.92	ND	ND	ND	ND	ND	5
Trichloroethylene	ND	0.540 J	ND	31.3	ND	ND	ND	5
p-Isopropyltoluene	ND	10.4	ND	31.8	3.41	1.55	ND	--

Table 1 (continued)
Volatile Organic Compounds in Groundwater (in ug/l)
Former Elka Chemical Site No. 152239
Sample Date: June 11, 2024

Analyte	GP-14S	GP-14D	GP-15S	GW-15 (dup. of GP-15S)	GP-16S	GP-16D	TB-1	EB-1	NYSDEC Ambient Water Quality Standards
Tetrachloroethylene	ND	ND	0.640	145 J	ND	ND	ND	ND	5
1,2,4-Trimethylbenzene	1.41 J	3.49 J	466	582	24.9 J	9.17 J	ND	13.5	5
Chlorobenzene	ND	ND	2.68	6.35	ND	ND	ND	ND	5
Ethyl benzene	1.96 J	0.410 J	802	1040	35.2	10.8	ND	6.43	5
Isopropylbenzene	15.1	6.27 CCVE	64.1 CCVE	151	15.4	1.58 J	0.350 J,B	1.06	5
Naphthalene	60.7 B	1.62 J	70.4	163	4.44 J	1.60 J	ND	1.89 J	10
n-Propylbenzene	37.6	22.3 CCVE	118 CCVE	288	27.9	3.51 J	ND	2.90	5
p&m Xylenes	ND	ND	3020	3930	81.2 J	40.8 J	ND	26.3	--
p-Diethylbenzene	10.7	1.52	16.2	58.8	5.74	1.20	ND	0.720	--
sec-Butylbenzene	11.4	1.72	14.6	33.3	3.93	0.660	ND	ND	5
Xylenes, total	ND	ND	3710	4810	96.7 J	48.3 J	ND	32.0	5
Benzene	ND	ND	4.25	11.4	1.58	ND	ND	ND	1
p-Isopropyltoluene	ND	ND	ND	8.00	0.620	ND	ND	ND	5

Table 1 (continued)
Volatile Organic Compounds in Groundwater (in ug/l)
Former Elka Chemical Site No. 152239
Sample Date: June 11, 2024

Analyte	GP-14S	GP-14D	GP-15S	GW-15 (dup. of GP-15S)	GP-16S	GP-16D	TB-1	EB-1	NYSDEC Ambient Water Quality Standards
Cyclohexane	ND	ND	58.8 QL-02	158	11.6 ICVE, QL-02	1.19 ICVE, QL-02	ND	ND	--
Methylcyclohexane	36.4	6.87	802	852	31.7	11.0	ND	2.38	--
n-Butylbenzene	10.0	ND	11.3	25.3	4.48	ND	ND	ND	5
o-Xylene	0.440 J	ND	692	884	15.5	7.46 J	ND	5.76	5
tert-Butylbenzene	1.22	ND	1.45	ND	0.690	ND	ND	ND	5
1,2-Dichlorobenzene	1.65	ND	ND	2.05 J	ND	ND	ND	ND	3
1,3,5-Trimethylbenzene	ND	ND	98.2	234	4.82 J	2.54 J	ND	5.24	5
Acetone	ND	ND	ND	ND	17.6	ND	1.40 J	ND	50
Chloroform	ND	ND	ND	ND	ND	ND	ND	1.81	7
Toluene	ND	ND	5.82	13.1	ND	ND	ND	ND	5
p-Ethyltoluene	ND	ND	ND	58.8	2.29	1.09	ND	3.73	5
p-Isotoluene	ND	ND	ND	ND	0.620	ND	ND	ND	5

Table 1 (continued)
Volatile Organic Compounds in Groundwater (in ug/l)
Former Elka Chemical Site No. 152239
Sample Date: June 11, 2024

Notes:

J- the concentration is estimated due to detection below the reporting limit but above the detection limit.

All results are in micrograms per liter (ug/L).

Bolded values indicate an exceedance of the New York State Department of Environmental Conservation (NYSDEC) Class GA Ambient Water Quality Standards or TOGS 1.1.1 Guidance Values.

QL-02- the analyte is outside the laboratory recovery limits due to the analyte behavior using the referenced method due to certain limitations with respect to analytes of this nature.

ICVE- The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).

CCVE- 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). Only detected compounds are listed.

ND- not detected

-- - no standard available

Table 2
Semi-Volatile Organic Compounds in Groundwater (in ug/l)
Former Elka Chemical Site No. 152239
Sample Date: June 11, 2024

Analyte	GP-3S	GP-7S	GP-8S	GP-10S	GP-12S	NYSDEC Ambient Water Quality Standards
2-Methylnaphthalene	2.95 J	5.16	ND	20.4	190	--
Acenaphthene	ND	ND	ND	ND	6.00	20
Anthracene	0.0500 J	ND	ND	ND	ND	--
Fluorene	0.120	ND	ND	ND	7.5	--
Naphthalene	0.940 J	31.0	0.470 J	37.0	36.5	10
Phenanthrene	0.0900 J	ND	0.0500 J	ND	5.50	50
Di-n-butyl phthalate	ND	ND	ND	3.83 J	ND	50

Table 2 (continued)
Semi-Volatile Organic Compounds in Groundwater (in ug/l)
Former Elka Chemical Site No. 152239
Sample Date: June 11, 2024

Analyte	GP-14S	GP-15S	GW-15 (Dup. of GP-15S)	GP-16S	EB-1	NYSDEC Ambient Water Quality Standards
2-Methylnaphthalene	12.2	23.2	27.0	16.8	ND	--
Acenaphthene	6.40	ND	ND	3.58	ND	20
Acenaphthylene	1.40	ND	ND	1.20	ND	--
Anthracene	1.00	ND	ND	0.760	0.0632	--
Fluoranthene	ND	ND	ND	0.160	ND	50
Fluorene	9.40	ND	ND	6.36	0.0632	--
Naphthalene	88.6	47.5	41.5	3.82	0.779	10
Phenanthrene	1.40	ND	ND	2.46	0.0526	50
Pyrene	ND	ND	ND	0.160	ND	50
Benzyl butyl phthalate	ND	3.23 J	3.91 J	ND	ND	--
Di-n-butyl phthalate	ND	47.5	42.0	ND	ND	50
Dibenzofuran	ND	ND	ND	4.17 J	ND	--

Table 2 (continued)
Semi-Volatile Organic Compounds in Groundwater (in ug/l)
Former Elka Chemical Site No. 152239
Sample Date: June 11, 2024

Notes:

J- the concentration is estimated due to detection below the reporting limit but above the detection limit.

All results are in micrograms per liter (ug/L).

Bolded values indicate an exceedance of the New York State Department of Environmental Conservation (NYSDEC) Class GA Ambient Water Quality

ND- not detected

-- No standard available

Table 3
Volatile Organic Compounds in Soil (in mg/kg)
Former Elka Chemical Site No. 152239
June 17, 2024

[illegible]

Table 3
Volatile Organic Compounds in Soil (in mg/kg)
Former Elka Chemical Site No. 152239
June 17, 2024

Analytes	SB-7 (0-6")	SB-8 (0-6")	SB-9 (0-6")	SB-10 (0-6") (Dup. of SB-8 (0-6"))	TB-2	NYSDEC Part 375 Commercial Use Soil Cleanup Objectives
2-Butanone	ND	ND	ND	ND	2.09 CAL-E ICVE CCVE	--
Acetone	0.095 CCVE	0.023 CCVE	ND	ND	ND	500
tert-Butyl Alcohol	0.015	ND	ND	ND	ND	--
Methylene Chloride	ND	ND	ND	ND	0.580 J	500

Table 3
Volatile Organic Compounds in Soil (in mg/kg)
Former Elka Chemical Site No. 152239
July 3, 2024

Analytes	SB-1 (6-12")	SB-2 (6-12")	SB-3 (6-12")	SB-4 (6-12")	SB-5 (6-12")	TB-4	NYSDEC Part 375 Commercial Use Soil Cleanup Objectives
2-Butanone	0.012	ND	ND	ND	ND	ND	--
Acetone	0.063	ND	ND	0.030	ND	ND	500
Tetrachloroethylene	ND	ND	0.0047 J	ND	ND	ND	150
Trichloroethylene	ND	ND	0.044	ND	ND	ND	200
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	1.64	190
Bromodichloromethane	ND	ND	ND	ND	ND	0.490 J	--
Chloroform	ND	ND	ND	ND	ND	3.44	350

Table 3
Semi-Volatile Organic Compounds in Soil (in mg/kg)
Former Elka Chemical Site No. 152239
Sample Date: June 17, 2024

Notes:

All results are in milligrams per kilogram (mg/kg).

Bolded values indicate an exceedance of the New York State Department of Environmental Conservation (NYSDEC) Commercial Use Soil Cleanup Objectives.

Only detected compounds are listed.

ND- not detected

Table 4
Semi-Volatile Organic Compounds in Soil (in mg/kg)
Former Elka Chemical Site No. 152239
Sample Date: June 17, 2024

Analytes	SB-1 (0-6")	SB-2 (0-6")	SB-3 (0-6")	SB-4 (0-6")	SB-5 (0-6")	SB-6 (0-6")	EB-4	NYSDEC Part 375 Commercial Use Soil Cleanup Objectives
Benzo(a)anthracene	0.0976	0.133	0.173	0.0853 J	0.531	0.269	ND	5.6
Benzo(a)pyrene	0.108	0.125	0.164	0.0845 J	0.505	0.255	ND	1
Benzo(b)fluoranthene	0.138	0.138 J	0.206	0.0976	0.500	0.271	ND	5.6
Benzo(g,h,i)perylene	0.111	0.105	0.173	0.0823 J	0.365	0.174	ND	500
Benzo(k)fluoranthene	0.115	0.113	0.161	0.0765 J	0.442	0.244	ND	56
Chrysene	0.139	0.145	0.207	0.104	0.598	0.312	ND	56
Di-n-butyl phthalate	ND	ND	0.114	ND	ND	ND	ND	--
Fluoranthene	0.173	0.259	0.377	0.161	1.10	0.615	ND	500
Indeno(1,2,3-cd)pyrene	0.0815 J	0.0860 J	0.131	0.0583 J	0.320	0.156	ND	5.6
Phenanthrene	0.0517 J	0.103	0.152	0.0525 J	0.445	0.279	ND	500
Pyrene	0.181	0.247	0.341	0.155	1.03	0.511	0.140	500
Bis(2-ethylhexyl)phthalate	ND	0.0564 J	1.03	0.130	0.0751 J	0.627	ND	--

Table 4 (continued)
Semi-Volatile Organic Compounds (in mg/kg)
Former Elka Chemical Site No. 152239
Sample Date: July 3, 2024

Analytes	SB-1 (0-6")	SB-2 (0-6")	SB-3 (0-6")	SB-4 (0-6")	SB-5 (0-6")	SB-6 (0-6")	NYSDEC Part 375 Commercial Use Soil Cleanup Objectives
Di-n-octyl phthalate	ND	0.259	ND	ND	0.0567 J	ND	--
2-Methylnaphthalene	ND	ND	0.145	ND	ND	ND	--
Benzyl butyl phthalate	ND	ND	0.0619 J	ND	0.0773	ND	--
Naphthalene	ND	ND	0.0572 J	ND	ND	ND	500
Anthracene	ND	ND	ND	ND	0.100	ND	500
Dibenzo(a,h)anthracene	ND	ND	ND	ND	0.123	0.0562 J	0.56

Table 4
Semi-Volatile Organic Compounds in Soil (in mg/kg)
Former Elka Chemical Site No. 152239
Sample Date: June 17, 2024

Analytes	SB-7 (0-6")	SB-8 (0-6")	SB-9 (0-6")	SB-10 (0-6")	TB-2	NYSDEC Part 375 Commercial Use SCO's
Benzo(a)anthracene	0.403	0.213	2.24	0.315	ND	5.6
Benzo(a)pyrene	0.372	0.210	ND	0.278	ND	1
Benzo(g,h,i)perylene	0.266	0.171	1.51	0.189	ND	500
Benzo(k)fluoranthene	0.363	0.210	1.99	0.286	ND	56
Chrysene	0.531	0.257	2.97	0.370	ND	56
Indeno(1,2,3)pyrene	0.233	0.142	1.36	0.171	ND	5.6
Phenanthrene	0.531	0.129	0.159	0.343	ND	500
Pyrene	0.974	0.417	5.02	0.669	ND	500
Benzo(b)fluoranthene	0.439	0.244	2.81	0.319	ND	5.6
Bis(2-ethylhexyl) phthalate	ND	0.146	0.0968 J	ND	ND	--

Table 4
Semi-Volatile Organic Compounds in Soil (in mg/kg)
Former Elka Chemical Site No. 152239
Sample Date: June 17, 2024

Analytes	SB-7 (0-6")	SB-8 (0-6")	SB-9 (0-6")	SB-10 (0-6")	NYSDEC Part 375 Commercial Use SCOs
Anthracene	0.0670	ND	0.169 J	ND	500
Dibenzo(a,h)anthracene	0.0881 J	0.0546	0.503	0.0712	0.56
Fluoranthene	1.11	0.414	5.01	0.721	500
Carbazole	ND	ND	0.176	ND	--
Benzyl butyl phthalate	ND	ND	ND	7.27	--

Table 4
Semi-Volatile Organic Compounds in Soil (in mg/kg)
Former Elka Chemical Site No. 152239
Sample Date: June 17, 2024

Analytes	SB-1 (6-12")	SB-2 (6-12")	SB-3 (6-12")	SB-4 (6-12")	SB-5 (6-12")	SB-6 (6-12")	EB-4	NYSDEC Part 375 Commercial Use Soil Cleanup Objectives
Benzo(a)anthracene	0.249	0.180	0.198	0.175	0.577	0.0778 J	ND	5.6
Benzo(a)pyrene	0.262	0.183	0.169	0.164	0.660	0.0835 J	ND	1
Benzo(b)fluoranthene	0.317	0.196	0.187	0.162	0.677	0.0893 J	ND	5.6
Benzo(g,h,i)perylene	0.214	0.152	0.167	0.147	0.479	0.0670 J	ND	500
Benzo(k)fluoranthene	0.244	0.181	0.177	0.163	0.647	0.0749 J	ND	56
Chrysene	0.312	0.212	0.195	0.183	0.756	0.0943	ND	56
Di-n-butyl phthalate	ND	ND	0.157	ND	ND	0.126	ND	--
Fluoranthene	0.604	0.407	0.404	0.271	1.15	0.126	ND	500
Indeno(1,2,3-cd)pyrene	0.178	0.126	0.127	0.138	0.513	0.0770 J	ND	5.6
Phenanthrene	0.272	0.136	0.128	0.121	0.421	0.0482 J	ND	500
Pyrene	0.487 J	0.324 J	0.327 J	0.277 J	1.07	0.133	0.140	500
Bis(2-ethylhexyl)phthalate	0.0638 J	ND	0.619	ND	0.176	0.413	ND	--
Benzyl butyl phthalate	0.631 J	ND	ND	ND	0.0485 J	0.183	ND	--

Table 4
Semi-Volatile Organic Compounds in Soil (in mg/kg)
Former Elka Chemical Site No. 152239
Sample Date: June 17, 2024

Analytes	SB-1 (6-12")	SB-2 (6-12")	SB-3 (6-12")	SB-4 (6-12")	SB-5 (6-12")	SB-6 (6-12")	NYSDEC Part 375 Commercial Use Soil Cleanup Objectives
Anthracene	0.0558 J	ND	ND	ND	0.0709 J	ND	500
Dibenzo(a,h)anthracene	0.674 J	ND	ND	ND	0.173	ND	0.56
Carbazole	ND	ND	ND	ND	0.0564 J	ND	--
Naphthalane	ND	ND	0.165	ND	ND	ND	500

Table 4
Semi-Volatile Organic Compounds in Soil (in mg/kg)
Former Elka Chemical Site No. 152239
Sample Date: June 17, 2024

Analytes	SB-7 (6-12")	SB-8 (6-12")	SB-9 (6-12")	SB-10 (6-12") Dup. of SB-8 (6-12")	NYSDEC Part 375 Commercial Use Soil Cleanup Objectives
Benzo(a)anthracene	0.474	0.760	0.234	2.05	5.6
Benzo(a)pyrene	0.395	0.650	2.32	2.53	1
Benzo(b)fluoranthene	0.387	0.669	2.70	3.07	5.6
Benzo(g,h,i)perylene	0.247	0.398	1.67	1.83	500
Benzo(k)fluoranthene	0.365	0.642	2.32	2.34	56
Chrysene	0.497	0.831	3.11	4.50	56
Fluoranthene	0.908	0.152	0.103	8.70	500
Indeno(1,2,3-cd)pyrene	0.281	0.0761 J	1.83	1.98	5.6
Phenanthrene	0.554	1.43	2.43	2.40	500
Pyrene	0.833	1.92	6.39	6.88	500
Bis(2-ethylhexyl)phthalate	0.111	0.102 J	0.282	0.380	--
Benzyl butyl phthalate	0.107	ND	0.0575 J	ND	--

Table 4
Semi-Volatile Organic Compounds in Soil (in mg/kg)
Former Elka Chemical Site No. 152239
Sample Date: June 17, 2024

Analytes	SB-7 (6-12")	SB-8 (6-12")	SB-9 (6-12")	SB-10 (6-12") Dup. of SB-8(6-12")	NYSDEC Part 375 Commercial Use Soil Cleanup Objectives
Anthracene	0.113	0.298	0.234	0.221	500
Dibenzo(a,h)anthracene	0.0890 J	0.142	0.248	0.222	0.56
Carbazole	ND	0.109	0.259	0.263	--
Benzyl butyl phthalate	ND	ND	0.0575 J	ND	--
Acenaphthylene	0.537 J	ND	0.0922 J	0.0891 J	500
Acenaphthene	ND	0.163	0.0552 J	0.0668 J	500
Dibenzofuran	ND	0.0744 J	ND	ND	--
Isophorene	ND	ND	0.183	ND	--
Fluorene	ND	0.152	0.103	0.914 J	500

Table 4
Semi-Volatile Organic Compounds in Soil (in mg/kg)
Former Elka Chemical Site No. 152239
Sample Date: June 17, 2024

J- the concentration is estimated due to detection below the reporting limit but above the detection limit.

All results are in milligrams per kilogram (mg/kg).

Bolded values indicate an exceedance of the New York State Department of Environmental Conservation (NYSDEC)

Only detected compounds are listed.

ND- not detected

-- No regulatory limit has been established for this analyte.

Table 5
Metals in Soil (in mg/kg)
Former Elka Chemical Site No. 152239
June 17, 2024

Analytes	SB-1 (0-6")	SB-2 (0-6")	SB-3 (0-6")	SB-4 (0-6")	SB-5 (0-6")	SB-6 (0-6")	SB-7 (0-6")	SB-8 (0-6")	SB-9 (0-6")	SB-10 (0-6") (Dup. of SB-8 (0-6"))	NYSDEC Part 375 Commercial Use Soil Cleanup Objectives
Aluminum	10,300 M- CCV1	7,810 M- CCV1	7020	10,800 M- CCV1	8,000 M- CCV 1	8,250 M- CCV 1	5,250 M- CCV 1	7,700 M- CCV 1	9,320 M- CCV 1	5,700 M- CCV 1	--
Arsenic	8.89	5.52	5.37	13.0	7.23	10.9	5.89	6.49	8.30	3.83	16
Barium	169	26.2	63.2	43.0	55.2	54.3	38.4	44.2	51.3	43.7	400
Cadmium	0.530	0.314	1.09	0.447	0.415	0.737	3.7	0.382	0.448	0.635	9.3
Calcium	21,000	17,800	8,050	15,400	55,200	5,220	22,200	41,300	37,000	25,200	--
Chromium	12.8	12.2	17.3	13.5	20.9	19.2	13.3	17.6	22.1	15.9	1,500
Cobalt	4.79	2.71	3.56	6.33	3.89	3.41	3.47	3.96	4.36	2.83	--
Copper	51.9	22.3	41.6	58.0	35.8	40.2	43.3	28.3	40.8	28.8	270
Iron	15,300	8,850	12,100	17,900	10,700	12,600	7,350	9,490	12,000	7,200	--
Lead	38.1	28.5	58.2	35.6	57.1	46.6	40.7	25.8	37.5	38.5	1,000

Table 5
Metals in Soil (in mg/kg)
Former Elka Chemical Site No. 152239
June 17, 2024

Analytes	SB-1 (0-6")	SB-2 (0-6")	SB-3 (0-6")	SB-4 (0-6")	SB-5 (0-6")	SB-6 (0-6")	SB-7 (0-6")	SB-8 (0-6")	SB-9 (0-6")	SB-10 (0-6") (Dup. of SB-8 (0-6"))	NYSDEC Part 375 Commercial Use Soil Cleanup Objectives
Magnesium	3,520	5,660	2,110	4,350	17,200	1,650	132	6,210	6,080	2,710	--
Manganese	1,100	113	185	164	182	1,650	132	155	196	131	10,000
Nickel	8.24	6.90	10.1	9.62	10.2	10.7	8.96	9.74	10.1	7.99	310
Potassium	1,070 M- CCV1	655 M- CCV1	925 M- CCV1	1,560	1,240 M- CCV 1	705 M- CCV 1	563 M- CCV 1	99 M- CCV 1	1,170 M- CCV 1	877 M-CCV 1	--
Sodium	184 M- CCV1	110 M- CCV1	132 M- CCVI	323 M- CCV 1	182 M- CCV 1	73.9 M- CCV 1	129 M- CCV 1	276 M- CCV 1	225 M- CCV 1	137 M-CCV 1	--
Vanadium	31.1	16.4	18.2	39.1	19.8	17.2	19.3	23.0	27.0	14.8	--
Zinc	70.7	49.4	212	68.5	59.8	113	140	76.7	118	98.9	10,000
Mercury	0.0887	0.0663	0.135	0.0681	0.0571	0.0937	0.0580	0.0575	0.163	0.0635	2.8

Table 5
Metals in Soil (in mg/kg)
Former Elka Chemical Site No. 152239
Sample Date: July 3, 2024

Analytes	SB-1 (6-12")	SB-2 (6-12")	SB-3 (6-12")	SB-4 (6-12")	SB-5 (6-12")	SB-6 (6-12")	SB-7 (6-12")	SB-8 (6-12")	SB-9 (6-12")	SB-10 (6-12") (Dup. of SB-8 6- 12")	EB-4	NYSDEC Part 375 Commercial Use Soil Cleanup Objectives
Aluminum	7060	5680	4870	7110	6950	3740	5320	5510	6710	6040	ND	--
Arsenic	6.57	4.52	8.62	6.05	4.66	4.13	12.6	5.77	4.80	4.71	ND	16
Barium	38.3	36.5	53.9	50.3	41.7	25.0	38.3	42.3	33.5	30.7	ND	400
Beryllium	ND	ND	0.115	ND	ND	ND	ND	ND	ND	0.118	ND	590
Cadmium	ND	ND	0.755	ND	ND	0.625	1.96	0.807	0.684	0.659	ND	9.3
Calcium	42800	27500	3350	54300	32300	2410	19800	23000	7820	5260	0.125	--
Chromium	17.4	14.3	52.5	13.8	14.2	10.1	25.3	14.6	16.1	18.0	ND	1,500
Cobalt	4.60	2.98	3.42	6.05	4.31	2.55	2.65	2.91	3.53	3.17	ND	--
Copper	24.8	342	41.3	29.5	24.8	24.5	47.5	32.7	32.8	31.3	ND	270
Iron	8640	7830	12800	11400	8930	7070	7550	8210	8520	8420	ND	--
Lead	37.5	29.2	218	17.4	34.6	51.0	74.3	56.6	64.1	73.3	ND	1,000

Table 5
Metals in Soil (in mg/kg)
Former Elka Chemical Site No. 152239
Sample Date: July 3, 2024

Analytes	SB-1 (6-12")	SB-2 (6-12")	SB-3 (6-12")	SB-4 (6-12")	SB-5 (6-12")	SB-6 (6-12")	SB-7 (6-12")	SB-8 (6-12")	SB-9 (6-12")	SB-10 (6-12") (Dup. of SB-8 6- 12")	EB-4	NYSDEC Part 375 Commercial Use Soil Cleanup Objectives
Magnesium	4060	6580	974	4580	3480	1000	2830	2640	3030	1780	ND	--
Manganese	144	117	194	150	137	97.9	110	123	116	113	ND	10,000
Nickel	7.72	7.18	12.4	8.88	8.16	6.36	7.70	7.66	7.98	7.87	ND	310
Potassium	692 B	607 B	397 B	899 B	855 B	336 B	456 B	6.33 B	623 B	538	0.0663	--
Sodium	171	103	88.8	221	193	46.5	122	111	72.4	49.2	ND	--
Vanadium	19.2	16.1	13.9	27.0	21.8	10.1	13.2	17.2	16.3	15.3	ND	--
Zinc	52.7	72.1	154	48.8	54.6	83.1	151	116	152	143	ND	10,000
Mercury	0.0778	0.0725	0.0844	0.0656	0.0585	0.0682	0.0739	0.0632	0.0693	0.0650	ND	2.8

Table 5
Metals in Soil (in mg/kg)
Former Elka Chemical Site No. 152239
Sample Date: July 3, 2024

Notes:

All results are in milligrams per kilogram (mg/kg).

Bolded values indicate an exceedance of the New York State Department of Environmental Conservation (NYSDEC) Commercial Use Soil Cleanup Objectives.

Only detected compounds are listed.

ND- not detected

Appendix C

FORMER ELKA CHEMICAL COMPANY SITE, NYSDEC #152239
340 WEST HOFFMAN AVENUE, LINDENHURST, NY
DATA USABILITY SUMMARY REPORT
June 11, 2024 Groundwater Sampling (SDG 1-2024)
Lab Report #24F0825

This data usability summary report (DUSR) was prepared in accordance with Appendix 2B of New York State Department of Environmental Conservation (NYSDEC) DER-10 using the entire original laboratory report, including the sample data summary report and the extended data package. The sampling event included 13 primary environmental groundwater samples and associated quality assurance/quality control (QA/QC) samples (one sample delivery group, or SDG) collected on June 11, 2024. The groundwater sample locations are identified as GP-7S, GP-8S, GP-10S, GP-10D, GP-12S, GP-12D, GP14S, GP-14D, GP-15S, GP-16S, GP-16D, GW-3S, and GW-15, with one sample collected at each location.

Sample Collection and Receipt

The samples were collected in labeled laboratory-provided sample containers. No issues with sample containers, labeling, or preservation were reported by the laboratory.

Sampling procedures, including collection of field QA/QC samples, were reported to have been in accordance with the procedures in the Quality Assurance Project Plan (QAPP) for this project, which was reported to have been approved by the NYSDEC. Any exceptions are noted below. All sample collection was conducted under Chain of Custody (COC) procedures.

An equipment blank (EB) sample was collected and tested to evaluate the potential for cross-contamination from field sampling procedures. A trip blank (TB) sample was collected to evaluate the potential for sample cross-contamination. A duplicate (GW-15) of the GP-15S sample was collected to evaluate the precision of the analytical results. An extra volume of the GP-10S sample was also provided for a site-specific matrix spike/matrix spike duplicate (MS/MSD) QA/QC sample.

Sample Analyses

The samples were transmitted to and analyzed by York Analytical Laboratories, Inc. at their Stratford, Connecticut facility, which is New York State Department of Health-certified for the analyses performed. The samples were prepared and analyzed for the NYSDEC Part 375 list of volatile organic compounds (VOCs) using Methods 5030B/8260D and/or semivolatile organic compounds (SVOCs) using Methods 3510C/3550C/8270D/8270D SIM. The analytical methods and analytes are appropriate for the intended use of the data and the sample holding times were met.

QA/QC Results

Surrogate recoveries for VOCs and/or SVOCs in each of the samples were within acceptance limits, indicating that the data are anticipated to be accurate, with the following exceptions:

- Surrogate recovery for two of the five surrogates used in the SVOC analysis for the GP-10S sample were above their acceptance ranges. The recoveries for the other surrogates were within control limits. Surrogate recoveries for the laboratory control sample (LCS) and MS/MSD samples associated with this batch of samples were all within limits. Therefore, the analytical results for GP-10S are acceptable; and
- Surrogate recovery for three of the six surrogates used in the SVOC analysis for the GW-15 sample were above their acceptance limits. The recoveries for the other surrogates for this sample were within control limits. Surrogate recoveries for the LCS and MS/MSD

samples associated with this batch of samples were all within limits. Therefore, the analytical results for GW-15 are acceptable.

Trip blank samples consist of laboratory-provided samples of analyte-free water that travel in the coolers with the collected field samples and are used to verify that cross-contamination did not occur between samples in the field and/or laboratory. One trip blank sample, TB-1, was collected and tested with this SDG. No VOCs were detected in the TB-1 sample except for a low estimated concentration of naphthalene. This detection is B-qualified, indicating that naphthalene was detected in an associated laboratory Method Blank sample. Based on these results, it is unlikely that VOC cross-contamination occurred between samples in the field or laboratory.

Equipment (field) blank samples are used to verify that cross-contamination between the sampling equipment and/or samples did not occur in the field. Field blank sample EB-1 was collected on June 11, 2024 and tested for VOCs and SVOCs. Several petroleum-related VOCs and four petroleum-related SVOCs were detected in the equipment blank sample. We note that the TB sample did not indicate the potential for VOC cross-contamination between samples. It is possible that field decontamination procedures were not complete or that analyte-free water was not used in field blank preparation. Based on these results, and considering the other QA/QC results, as a precaution the VOC and SVOC results in the associated samples that are of the same order of magnitude as the field blank results should be J-qualified to indicate that they may be influenced by cross-contamination from the field sampling procedures. The added J qualifiers are annotated on the attached data tables.

A blind duplicate sample was collected and utilized to evaluate the precision of the laboratory analyses. Sample GW-15 is a duplicate of GP-15S. The results from the duplicate sample and the associated parent sample are nearly identical in terms of the constituents detected, but the concentrations in the duplicate sample are somewhat higher for each compound detected. Based on the other QA/QC sample results, it is possible that this heterogeneity resulted from the sample collection procedures rather than from the laboratory analyses. Based on this consideration, the laboratory results are likely to be reasonably precise.

MS/MSD samples were prepared to evaluate the effect of the matrix on the reliability of the analytical results. Spiking occurs in the laboratory prior to sample preparation and analysis. A site-specific MS/MSD sample was collected using material from the GP-10S sample and was tested by the lab in association with the groundwater samples, which were analyzed in several batches. Based on information provided by the analytical laboratory, the MS/MSD results were all within QC limits except as follows:

- The percent recovery (%R) was below the control limit for several VOCs in the MS for batch BF41251. The MSD %Rs were also below the control limits for most of the same VOCs. The associated LCS and LCSD %Rs met criteria for the affected VOCs; therefore, no corrective action was necessary.
- The %Rs were above or below the control limits for several SVOCs in the MS for batch BF40846. The MSD %Rs were also above or below the control limits for most of the same SVOCs. The associated LCS and LCSD %Rs met criteria for the affected SVOCs; therefore, no corrective action was necessary.

Based on these results, matrix-related effects have not significantly affected the analytical results.

Method blank (MB) samples were analyzed by the laboratory to evaluate the potential for cross-contamination associated with the sample preparation and analysis. The MB results did not show concentrations of analytes above their method detection limits and/or the reporting limits in any of the MB samples except for naphthalene in the VOC analysis of the MB sample associated with batch BF40994. The naphthalene results from the VOC analyses in the associated groundwater

samples (GP-12S and GP-14S) have been B-qualified. Based on these results, cross-contamination associated with sample preparation and analysis does not appear to present a significant concern.

LCSs were used by the laboratory to verify the accuracy of the analyses. The LCS results were all within established guidelines, with the following exceptions:

- The %Rs were below the lower control limits for bromoform, cyclohexane and dibromochloromethane in the VOC LCS for batch BF40994. The LCSD %Rs were also below the control limits for the same VOCs and several additional VOCs. The results for these VOCs in the associated groundwater samples are flagged (QL-02) to indicate that the reference laboratory method has certain limitations with these particular analytes.
- The %R was below the lower control limit for cyclohexane and above the upper control limit for p-ethyltoluene VOC LCS for batch BF41198. The LCSD %R was also below the control limits for cyclohexane. The results for these VOCs in the associated groundwater samples are flagged (QL-02) to indicate that the reference laboratory method has certain limitations with these particulate analytes.
- The %Rs were below the lower control limits for bromoform and cyclohexane in the VOC LCS for batch BF41251. The LCSD %R for cyclohexane was also below the control limit. The results for these VOCs in the associated groundwater samples are flagged (QL-02) to indicate that the reference laboratory method has certain limitations with these particulate analytes.
- The relative percent difference (RPD) for tert-butyl alcohol was above its limit in the LCSD for batch BF41251. The MS/MSD RPD met its limit in this batch and, therefore, the data are reported.
- The %R was below the lower control limit for cyclohexane in the VOC LCS for batch BF4125. The LCSD %R for cyclohexane was also below the control limit. The results for these VOCs in the associated groundwater samples are flagged (QL-02) to indicate that the reference laboratory method has certain limitations with these particulate analytes.
- The RPD for 1,4-dioxane was above its limit in the LCSD for batch BF4125. The MS/MSD RPD met its limit in this batch and, therefore, the data are reported.
- The %Rs were above the upper control limits for 2-nitrophenol and pentachlorophenol in the SVOC LCS for batch BF40846 and the %R for pyridine was below its control limit. The MS/MSD %Rs met their limits and, therefore, the data are reported.
- The %R was above the upper control limit for hexachloroethane and the %R for N-nitrosodimethylamine was below its control limit. The MS/MSD %Rs met their limits and, therefore, the data are reported.

Based on these results, the data do not appear to have been significantly affected by laboratory-related accuracy issues.

The laboratory performed initial calibration verifications (ICVs) and continuing calibration verifications (CCVs) for each sample run to verify that the analytical results for each VOC and SVOC were within specified tolerances. In some instances analyte behavior was not typical; in these cases the reported value was appropriately qualified to indicate that it was estimated due to its behavior.

Questions and Responses as per DER-10

1. Is the data package complete as defined under the current requirements for the NYSDEC

ASP Category B deliverables?

The data package is complete. The chain of custody form is present and complete. The case narrative and sample analysis summaries are present and complete. The analytical QA/QC summary information, including surrogate recoveries, LCS data, MS/MSD data, and MB data are all present and complete.

2. Have all holding times been met?

All samples were received and analyzed within the EPA-recommended holding times for the analyses performed.

3. Do all the QC data: blanks, instrument tunings, calibration standards, calibration verifications, surrogate recoveries, spike recoveries, replicate analyses, laboratory controls and sample data, fall within the protocol-required limits and specifications?

No – Although the majority of QC data were found to fall within the protocol-required limits and specifications, minor exceptions were noted above; however, these exceptions do not appear to significantly affect the data set.

4. Have all of the data been generated using established and agreed-upon analytical protocols?

Yes - all of the data were generated using VOC Methods 5030B/8260D for groundwater and SVOC Methods 3510C/3550C/8270D/8270D SIM for groundwater.

5. Does an evaluation of the raw data confirm the results provided in the data summary sheets and quality control verification forms?

Yes – a representative number of data summary sheets were compared with the reported quality control data results to confirm that the reported analytical results (identification, quantification, and qualification) are substantiated.

6. Have the correct data qualifiers been used?

Yes – results analyzed for but not detected have been noted as ND, results were B-qualified if the analyte was detected in an associated MB, and results were J-qualified if detected between the Reporting Limit and the Method Detection Limit. J-qualifiers were also added to certain results during the data usability evaluation due to detections in the field blank sample. No other qualifiers were indicated, although laboratory-specific qualifiers have been applied where appropriate.

7. Have any quality control (QC) exceedances been specifically noted in the DUSR and have the corresponding QC summary sheets from the data package been attached to the DUSR?

Yes – exceedances have been noted in the DUSR and the corresponding QC summary sheets are attached.

Conclusions

The groundwater samples were reported to have been collected in accordance with the NYSDEC-approved QAPP for this project. No field or laboratory conditions occurred that would result in non-valid analytical data other than as noted above. The data appear to be adequate for their intended purpose.

Attachments

J: added
qualifiers due
to EB
contamination.

Table 1 (continued)
Volatile Organic Compounds in Groundwater (in ug/kg)
Former Elka Chemical Site No. 152239
Sample Date: June 11, 2024

W. H. 13/5/24
J. H. 13/5/24

Analyte	GW-3S	GP-7S	GP-8S	GP-10S	GP-10D	GP-12S	GP-12D	NYSDEC Ambient Water Quality Standards
Tetrachloroethylene	ND	1.06 J	0.250 J	ND	0.470 J	ND	0.970	5
1,2,4-Trimethylbenzene	5.33 J	ND	5.17 J	534	302	404	1.24	5
1,3,5-Trimethylbenzene	2.94	481	1.50	181	103	1.57	ND	5
Chlorobenzene	ND	ND	ND	ND	ND	0.470 J	ND	5
Ethyl benzene	2.68 J	256	4.77 J	371	11.5	137	0.410 J	5
Isopropylbenzene	76.3	73.2	0.710 J	47.5	37.6CCVE	22.8	ND	5
Naphthalene	0.970 J	72.4	0.810 J	49.2	6.60 J	39.1 B	ND	10
n-Propylbenzene	289	212	1.79 J	126	71.2CCVE	64.0	ND	5
p&m Xylenes	9.70 J	ND	ND	838	27.8 J	2.49 J	ND	5
p-Diethylbenzene	26.2	51.9	1.01	99.2 ND Bold	13.3	7.50	ND	5
sec-Butylbenzene	26.4	11.2	0.550	37.1 ND Bold	4.70	5.28	ND	5
Xylenes, total	11.7 J	1,380 Bold ND	21.6 J	838 ND Bold	27.8 J	2.89 J	ND	5
Toluene	ND	ND	ND	ND	ND	1.13	ND	5

Table 1 (continued)
Volatile Organic Compounds in Groundwater (in ug/kg)
Former Elka Chemical Site No. 152239
Sample Date: June 11, 2024

[illegible]

Table 1 (continued)
Volatile Organic Compounds in Groundwater (in ug/kg)
Former Elka Chemical Site No. 152239
Sample Date: June 11, 2024

Analyte	GW-3S	GP-7S	GP-8S	GP-10S	GP-10D	GP-12S	GP-12D	NYSDEC Ambient Water Quality Standards
p-Ethyltoluene	1.345 ~~ND~~	353 ~~8.92~~	0.850 ~~J~~	127 ~~ND~~	83.1 CCVE, QL-02	9.15 ~~ND~~	ND	5
trans-1,2-Dichloroethylene	ND	ND	ND	ND	ND	ND	ND	5
Styrene	ND	8.92	ND	ND	ND	ND	ND	5
Trichloroethylene	ND	0.540 ~~J~~	ND	ND	ND	ND	ND	5
p-Isopropyltoluene	ND	10.4	ND	31.8 ~~ND~~	3.41 ~~ND~~	1.55 ~~ND~~	ND	5
cis-1,2-Dichloroethylene	ND	ND	ND	3.25	ND	ND	ND	5

Table 1 (continued)
Volatile Organic Compounds in Groundwater (in ug/kg)
Former Elka Chemical Site No. 152239
Sample Date: June 11, 2024

Add 6W-15 here
(dup of 6P-15)

Analyte	GP-14S	GP-14D	GP-15S	GP-16S	GP-16D	TB-1	EB-1	NYSDEC Ambient Water Quality Standards
Tetrachloroethylene	ND	ND	0.640	ND	ND	ND	ND	5
1,2,4-Trimethylbenzene	1.41 J	3.49 J	466	24.9 J	9.17 J	ND	13.5 J Bold	5
Chlorobenzene	ND	ND	2.68	ND	ND	ND	ND	5
Ethyl benzene	1.96 J	0.410 J	802	35.2	10.8	ND	6.43 Bold	5
Isopropylbenzene	15.1	6.27 Bold CCVE	64.1 CCVE	15.4	1.58 J	0.350 J,B	1.06	5
Naphthalene	60.7 B	1.62 J	70.4	4.44 J	1.60 J	ND	1.89 J	10
n-Propylbenzene	37.6	22.3 CCVE	118 CCVE	27.9	3.51 J	ND	2.90	5
p&m Xylenes	ND	ND	3020	81.2 J	40.8 J	ND	26.3 Bold	5
p-Diethylbenzene	10.7	1.52	16.2	5.74	1.20	ND	0.720	5
sec-Butylbenzene	11.4 Bold	1.72	14.6	3.93	0.660	ND	ND	5
Xylenes, total	ND	ND	3710	96.7 J	48.3 J	ND	32.0 Bold	5
Benzene	ND	ND	4.25	1.58	ND	ND	ND	1

not Bold.

Table 1 (continued)
Volatile Organic Compounds in Groundwater (in ug/kg)
Former Elka Chemical Site No. 152239
Sample Date: June 11, 2024

Analyte	GP-14S	GP-14D	GP-15S	GP-16S	GP-16D	TB-1	EB-1	NYSDEC Ambient Water Quality Standards
Cyclohexane	ND	ND	58.8 QL-02	11.6 ICVE, QL-02	1.19 ICVE, QL-02	ND	ND	--
Methylcyclohexane	36.4	6.87	802	31.7	11.0	ND	2.38	--
n-Butylbenzene	10.0	ND	11.3	4.48	ND	ND	ND	5
o-Xylene	0.440 J	ND	692	15.5	7.46	ND	5.76	5
tert-Butylbenzene	1.22	ND	1.45	0.690	ND	ND	ND	5
1,2-Dichlorobenzene	1.65	ND	ND	ND	ND	ND	ND	3
1,3,5-Trimethylbenzene	ND	ND	98.2	4.82	2.54	ND	5.24	5
Acetone	ND	ND	ND	17.6	ND	1.40 J	ND	50
Chloroform	ND	ND	ND	ND	ND	ND	1.81	5
Toluene	ND	ND	5.82	ND	ND	ND	ND	5
1,3,5-Trimethylbenzene	ND	ND	98.2	ND	2.54	ND	ND	5
p-Ethyltoluene	ND	ND	ND	2.29	1.09	ND	3.73	5

p-Isopropyltoluene ND ND ND 0.620 ND ND ND 5

Table 1 (continued)
Volatile Organic Compounds in Groundwater (in ug/kg)
Former Elka Chemical Site No. 152239
Sample Date: June 11, 2024

Notes:

J- the concentration is estimated due to detection below the reporting limit but above the detection limit.

All results are in micrograms per liter (ug/L).

Bolded values indicate an exceedance of the New York State Department of Environmental Conservation (NYSDEC) Class GA Ambient Water Quality Standards or TOGS 1.1.1 Guidance Values.

QL-02- the analyte is outside the laboratory recovery limits due to the analyte behavior using the referenced method due to certain limitations with respect to analytes of this nature.

ICVE- The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).

CCVE- 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). Only detected compounds are listed.

ND- not detected

NS- no standard available

Table 2
Semi-Volatile Organic Compounds in Groundwater (in ug/kg)
Former Elka Chemical Site No. 152239
Sample Date: June 11, 2024

Analyte	GP-3S	GP-7S	GP-8S	GP-10S	GP-12S	NYSDEC Ambient Water Quality Standards
2-Methylnaphthalene	2.950 ND	5.16 -	ND	20.4 ✓	190 -	--
Acenaphthene	ND	ND	ND	ND	6.00 -	20
Anthracene	0.0500 ✓	ND	ND	ND	ND	--
Fluorene	0.120 ✓	ND	ND	ND	7.5 -	--
Naphthalene	0.940 ✓	31.0 -	0.470 ✓	37.0 ND	36.5 -	10
Phenanthrene	0.0900 ✓	ND	0.0500 ✓	ND	5.50 -	--
Di-n-butyl phthalate	ND	ND	ND	3.83 J	ND	50

Not
Edl

Table 2 (continued)
Semi-Volatile Organic Compounds in Groundwater (in ug/kg)
Former Elka Chemical Site No. 152239
Sample Date: June 11, 2024

Analyte	GP-14S	GP-15S	GW-15 (Dup. of GP-15S)	GP-16S	EB-1	NYSDEC Ambient Water Quality Standards
2-Methylnaphthalene	12.2 ✓	23.2 ✓	27.0 ✓	16.8 ✓	ND	--
Acenaphthene	6.40 ✓	ND	ND	3.58 ✓	ND	20
Acenaphthylene	1.40 ✓	ND	ND	1.20 ✓	ND	--
Anthracene	1.00 ✓	ND	ND	0.760 ✓	~~ND~~ 0.0632	50
Fluoranthene	ND	ND	ND	0.160 ✓	ND	50
Fluorene	9.40 ✓	ND	ND	6.36 ✓	~~ND~~ 0.0632	50
Naphthalene	88.6 ✓	47.5 ✓	41.5 ✓	3.82 ✓	~~ND~~ 0.179	10
Phenanthrene	1.40 ✓	ND	ND	2.46 ✓	~~ND~~ 0.0526	50
Pyrene	ND	ND	ND	0.160 ✓	ND	50
Benzyl butyl phthalate	ND	3.23 J	3.91 J	ND	ND	--
Di-n-butyl phthalate	ND	47.5 ✓	42.0 ✓	ND	ND	--
Dibenzofuran	ND	ND	ND	4.17 J	ND	--

Not
Bold.

Table 2 (continued)
Semi-Volatile Organic Compounds in Groundwater (in ug/kg)
Former Elka Chemical Site No. 152239
Sample Date: June 11, 2024

Notes:

J- the concentration is estimated due to detection below the reporting limit but above the detection limit.

All results are in micrograms per liter (ug/L).

Bolded values indicate an exceedance of the New York State Department of Environmental Conservation (NYSDEC) Class GA Ambient Water Quality

ND- not detected

-- No standard available



Technical Report

prepared for:

Dermody Consulting, Inc.
32 Chichester Ave., 2nd Floor
Center Moriches NY, 11934
Attention: Peter Dermody

Report Date: 07/11/2024
Client Project ID: Elka
York Project (SDG) No.: 24F0825

Stratford, CT Laboratory IDs:
NY:10854, NJ: CT005, PA: 68-0440, CT: PH-0723



Richmond Hill, NY Laboratory IDs:
NY:12058, NJ: NY037, CT: PH-0721, NH: 2097,
EPA: NY01600

120 RESEARCH DRIVE
www.YORKLAB.com

STRATFORD, CT 06615
(203) 325-1371

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

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 07/11/2024
Client Project ID: Elka
York Project (SDG) No.: 24F0825

Dermody Consulting, Inc.
32 Chichester Ave., 2nd Floor
Center Moriches NY, 11934
Attention: Peter Dermody

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on June 12, 2024 and listed below. The project was identified as your project: **Elka**.

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>
24F0825-01	GP-12 S	Ground Water	06/11/2024	06/12/2024
24F0825-02	GP-12 D	Ground Water	06/11/2024	06/12/2024
24F0825-03	GP-14 S	Ground Water	06/11/2024	06/12/2024
24F0825-04	GP-14 D	Ground Water	06/11/2024	06/12/2024
24F0825-05	GP-10 S	Ground Water	06/11/2024	06/12/2024
24F0825-06	GP-10 D	Ground Water	06/11/2024	06/12/2024
24F0825-07	GP-15 S	Ground Water	06/11/2024	06/12/2024
24F0825-08	GP-16 S	Ground Water	06/11/2024	06/12/2024
24F0825-09	GP-16 D	Ground Water	06/11/2024	06/12/2024
24F0825-10	TB-1	Ground Water	06/11/2024	06/12/2024
24F0825-11	GP-7 S	Ground Water	06/11/2024	06/12/2024
24F0825-12	GP-8 S	Ground Water	06/11/2024	06/12/2024
24F0825-13	GW-15	Ground Water	06/11/2024	06/12/2024
24F0825-14	EB-1	Ground Water	06/11/2024	06/12/2024
24F0825-15	GW-3 S	Ground Water	06/11/2024	06/12/2024

General Notes for York Project (SDG) No.: 24F0825

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, NJ Cert No. CT005, PA Cert No. 68-04440, CT Cert No. PH-0723; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058, NJ Cert No. NY037, CT Cert No. PH-0721, NH Cert No. 2097, EPA Cert No. NY01600.

Approved By:



Cassie L. Mosher
Laboratory Manager

Date: 07/11/2024





Sample and Data Qualifiers Relating to This Work Order

S-HI	Surrogate recovery is above acceptance limits. No target compound is detected in sample.
S-08	The recovery of this surrogate was outside of QC limits.
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.
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.
ICVE20	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 20% of expected value).
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	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).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

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.



Sample Information

Client Sample ID: GP-10 S

York Sample ID: 24F0825-05

York Project (SDG) No.
24F0825

Client Project ID
Elka

Matrix
Ground Water

Collection Date/Time
June 11, 2024 3:00 pm

Date Received
06/12/2024

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOO	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: SURR: 2-Fluorophenol	48.9 %			19.7-63.1						
13127-88-3	Surrogate: SURR: Phenol-d6	25.8 %			10.1-41.7						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	114 %	S-08		50.2-113	Ignored LGR					
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	104 %			39.9-105						
1718-51-0	Surrogate: SURR: Terphenyl-d14	111 %	S-08		30.7-106						

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOO	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/17/2024 15:30	SS
208-96-8	Acenaphthylene	ND		ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/17/2024 15:30	SS
120-12-7	Anthracene	ND		ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/17/2024 15:30	SS
1912-24-9	Atrazine	ND	CAL-E	ug/L	25.0	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/17/2024 15:30	SS
56-55-3	Benzo(a)anthracene	ND		ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/17/2024 15:30	SS
50-32-8	Benzo(a)pyrene	ND	CAL-E	ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/17/2024 15:30	SS
205-99-2	Benzo(b)fluoranthene	ND		ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/17/2024 15:30	SS
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/17/2024 15:30	SS
207-08-9	Benzo(k)fluoranthene	ND		ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/17/2024 15:30	SS
117-81-7	Bis(2-ethylhexyl)phthalate	ND	CAL-E	ug/L	25.0	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/17/2024 15:30	SS
218-01-9	Chrysene	ND		ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/17/2024 15:30	SS
53-70-3	Dibenzo(a,h)anthracene	ND	CAL-E	ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/17/2024 15:30	SS
206-44-0	Fluoranthene	ND		ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/17/2024 15:30	SS
86-73-7	Fluorene	ND		ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/17/2024 15:30	SS
118-74-1	Hexachlorobenzene	ND		ug/L	1.00	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/17/2024 15:30	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	25.0	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/17/2024 15:30	SS
67-72-1	Hexachloroethane	ND		ug/L	25.0	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/17/2024 15:30	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND	CAL-E	ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/17/2024 15:30	SS



Sample Information

Client Sample ID: GW-15

York Sample ID: 24F0825-13

York Project (SDG) No.
24F0825

Client Project ID
Elka

Matrix
Ground Water

Collection Date/Time
June 11, 2024 3:00 pm

Date Received
06/12/2024

SVOA, 8270 LOW MASTER

Sample Prepared by Method: EPA 3510C

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/14/2024 16:19	LL
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/14/2024 16:19	LL
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/14/2024 16:19	LL
84-74-2	Di-n-butyl phthalate	42.0		ug/L	12.5	25.0	5	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/18/2024 13:57	SS
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/14/2024 16:19	LL
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	ug/L	5.00	10.0	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/14/2024 16:19	LL
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/14/2024 16:19	LL
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/14/2024 16:19	LL
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/14/2024 16:19	LL
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/14/2024 16:19	LL
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/14/2024 16:19	LL

Surrogate Recoveries		Result	Acceptance Range
367-12-4	Surrogate: SURR: 2-Fluorophenol	52.0 %	19.7-63.1
13127-88-3	Surrogate: SURR: Phenol-d6	27.7 %	10.1-41.7
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	123 %	50.2-113
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	112 %	39.9-105
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	192 %	39.3-151
1718-51-0	Surrogate: SURR: Terphenyl-d14	124 %	30.7-106

SVOA, 8270 SIM MASTER

Sample Prepared by Method: EPA 3510C

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/17/2024 17:30	SS
208-96-8	Acenaphthylene	ND		ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/17/2024 17:30	SS
120-12-7	Anthracene	ND		ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/17/2024 17:30	SS
1912-24-9	Atrazine	ND	CAL-E	ug/L	25.0	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/17/2024 17:30	SS
56-55-3	Benzo(a)anthracene	ND		ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/17/2024 17:30	SS
50-32-8	Benzo(a)pyrene	ND	CAL-E	ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/17/2024 17:30	SS



Sample Information

Client Sample ID: TB-1

York Sample ID: 24F0825-10

York Project (SDG) No.
24F0825

Client Project ID
Elka

Matrix
Ground Water

Collection Date/Time
June 11, 2024 3:00 pm

Date Received
06/12/2024

VOA, 8260 LOW MASTER

Sample Prepared by Method: EPA 5030B

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOO	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/14/2024 06:00	06/14/2024 13:57	AC
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/14/2024 06:00	06/14/2024 13:57	AC
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/14/2024 06:00	06/14/2024 13:57	AC
91-20-3	Naphthalene	0.350	J, B	ug/L	0.212	2.00	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/14/2024 06:00	06/14/2024 13:57	AC
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/14/2024 06:00	06/14/2024 13:57	AC
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/14/2024 06:00	06/14/2024 13:57	AC
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/14/2024 06:00	06/14/2024 13:57	AC
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/14/2024 06:00	06/14/2024 13:57	AC
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/14/2024 06:00	06/14/2024 13:57	AC
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/14/2024 06:00	06/14/2024 13:57	AC
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/14/2024 06:00	06/14/2024 13:57	AC
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/14/2024 06:00	06/14/2024 13:57	AC
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/14/2024 06:00	06/14/2024 13:57	AC
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/14/2024 06:00	06/14/2024 13:57	AC
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/14/2024 06:00	06/14/2024 13:57	AC
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/14/2024 06:00	06/14/2024 13:57	AC
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/14/2024 06:00	06/14/2024 13:57	AC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/14/2024 06:00	06/14/2024 13:57	AC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/14/2024 06:00	06/14/2024 13:57	AC
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/14/2024 06:00	06/14/2024 13:57	AC
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/14/2024 06:00	06/14/2024 13:57	AC
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/14/2024 06:00	06/14/2024 13:57	AC
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	06/14/2024 06:00	06/14/2024 13:57	AC

Surrogate Recoveries

Result

Acceptance Range



Sample Information

Client Sample ID: EB-1

York Sample ID: 24F0825-14

York Project (SDG) No.
24F0825

Client Project ID
Elka

Matrix
Ground Water

Collection Date/Time
June 11, 2024 3:00 pm

Date Received
06/12/2024

VOA, 8260 LOW-MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOO	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/19/2024 06:10	06/19/2024 10:41	BMC
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/19/2024 06:10	06/19/2024 10:41	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/19/2024 06:10	06/19/2024 10:41	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/19/2024 06:10	06/19/2024 10:41	BMC
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/19/2024 06:10	06/19/2024 10:41	BMC
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/19/2024 06:10	06/19/2024 10:41	BMC
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/19/2024 06:10	06/19/2024 10:41	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/19/2024 06:10	06/19/2024 10:41	BMC
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/19/2024 06:10	06/19/2024 10:41	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/19/2024 06:10	06/19/2024 10:41	BMC
95-63-6	1,2,4-Trimethylbenzene	13.5		ug/L	0.310	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/19/2024 06:10	06/19/2024 10:41	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE	ug/L	0.432	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/19/2024 06:10	06/19/2024 10:41	BMC
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/19/2024 06:10	06/19/2024 10:41	BMC
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/19/2024 06:10	06/19/2024 10:41	BMC
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/19/2024 06:10	06/19/2024 10:41	BMC
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/19/2024 06:10	06/19/2024 10:41	BMC
108-67-8	1,3,5-Trimethylbenzene	5.24		ug/L	0.347	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/19/2024 06:10	06/19/2024 10:41	BMC
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/19/2024 06:10	06/19/2024 10:41	BMC
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/19/2024 06:10	06/19/2024 10:41	BMC
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/19/2024 06:10	06/19/2024 10:41	BMC
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/19/2024 06:10	06/19/2024 10:41	BMC
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/19/2024 06:10	06/19/2024 10:41	BMC
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/19/2024 06:10	06/19/2024 10:41	BMC
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/19/2024 06:10	06/19/2024 10:41	BMC



Sample Information

Client Sample ID: EB-1

York Sample ID: 24F0825-14

York Project (SDG) No.
24F0825

Client Project ID
Elka

Matrix
Ground Water

Collection Date/Time
June 11, 2024 3:00 pm

Date Received
06/12/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOO	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/19/2024 06:10	06/19/2024 10:41	BMC
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/19/2024 06:10	06/19/2024 10:41	BMC
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/19/2024 06:10	06/19/2024 10:41	BMC
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/19/2024 06:10	06/19/2024 10:41	BMC
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/19/2024 06:10	06/19/2024 10:41	BMC
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/19/2024 06:10	06/19/2024 10:41	BMC
75-25-2	Bromoform	ND	CCVE, QL-02	ug/L	0.163	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/19/2024 06:10	06/19/2024 10:41	BMC
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/19/2024 06:10	06/19/2024 10:41	BMC
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/19/2024 06:10	06/19/2024 10:41	BMC
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/19/2024 06:10	06/19/2024 10:41	BMC
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/19/2024 06:10	06/19/2024 10:41	BMC
75-00-3	Chloroethane	ND	CCVE	ug/L	0.448	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/19/2024 06:10	06/19/2024 10:41	BMC
67-66-3	Chloroform	1.81		ug/L	0.243	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/19/2024 06:10	06/19/2024 10:41	BMC
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/19/2024 06:10	06/19/2024 10:41	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/19/2024 06:10	06/19/2024 10:41	BMC
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/19/2024 06:10	06/19/2024 10:41	BMC
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/19/2024 06:10	06/19/2024 10:41	BMC
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/19/2024 06:10	06/19/2024 10:41	BMC
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/19/2024 06:10	06/19/2024 10:41	BMC
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/19/2024 06:10	06/19/2024 10:41	BMC
100-41-4	Ethyl Benzene	6.43		ug/L	0.290	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/19/2024 06:10	06/19/2024 10:41	BMC
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/19/2024 06:10	06/19/2024 10:41	BMC
98-82-8	Isopropylbenzene	1.06		ug/L	0.405	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/19/2024 06:10	06/19/2024 10:41	BMC
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/19/2024 06:10	06/19/2024 10:41	BMC



Sample Information

Client Sample ID: EB-1

York Sample ID: 24F0825-14

York Project (SDG) No.
24F0825

Client Project ID
Elka

Matrix
Ground Water

Collection Date/Time
June 11, 2024 3:00 pm

Date Received
06/12/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/19/2024 06:10	06/19/2024 10:41	BMC
108-87-2	Methylcyclohexane	2.38		ug/L	0.477	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/19/2024 06:10	06/19/2024 10:41	BMC
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/19/2024 06:10	06/19/2024 10:41	BMC
91-20-3	Naphthalene	1.89	J	ug/L	0.212	2.00	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/19/2024 06:10	06/19/2024 10:41	BMC
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/19/2024 06:10	06/19/2024 10:41	BMC
103-65-1	n-Propylbenzene	2.90		ug/L	0.384	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/19/2024 06:10	06/19/2024 10:41	BMC
95-47-6	o-Xylene	5.76		ug/L	0.261	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/19/2024 06:10	06/19/2024 10:41	BMC
179601-23-1	p- & m- Xylenes	26.3		ug/L	0.578	1.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/19/2024 06:10	06/19/2024 10:41	BMC
105-05-5	* p-Diethylbenzene	0.720		ug/L	0.341	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 10:41	BMC
622-96-8	* p-Ethyltoluene	3.73		ug/L	0.200	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 10:41	BMC
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/19/2024 06:10	06/19/2024 10:41	BMC
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/19/2024 06:10	06/19/2024 10:41	BMC
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/19/2024 06:10	06/19/2024 10:41	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	ug/L	0.608	1.00	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/19/2024 06:10	06/19/2024 10:41	BMC
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/19/2024 06:10	06/19/2024 10:41	BMC
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/19/2024 06:10	06/19/2024 10:41	BMC
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/19/2024 06:10	06/19/2024 10:41	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/19/2024 06:10	06/19/2024 10:41	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/19/2024 06:10	06/19/2024 10:41	BMC
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/19/2024 06:10	06/19/2024 10:41	BMC
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/19/2024 06:10	06/19/2024 10:41	BMC
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/19/2024 06:10	06/19/2024 10:41	BMC
1330-20-7	Xylenes, Total	32.0		ug/L	0.839	1.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	06/19/2024 06:10	06/19/2024 10:41	BMC

Surrogate Recoveries

Result

Acceptance Range



Sample Information

Client Sample ID: EB-1

York Sample ID: 24F0825-14

York Project (SDG) No.
24F0825

Client Project ID
Elka

Matrix
Ground Water

Collection Date/Time
June 11, 2024 3:00 pm

Date Received
06/12/2024

SVOA, 8270 LOW MASTER

Sample Prepared by Method: EPA 3510C

Log-in Notes:

Sample Notes:

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/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/14/2024 16:54	LL
84-66-2	Diethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/14/2024 16:54	LL
131-11-3	Dimethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/14/2024 16:54	LL
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/14/2024 16:54	LL
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/14/2024 16:54	LL
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	ug/L	5.26	10.5	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/14/2024 16:54	LL
78-59-1	Isophorone	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/14/2024 16:54	LL
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/14/2024 16:54	LL
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/14/2024 16:54	LL
108-95-2	Phenol	ND		ug/L	0.789	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/14/2024 16:54	LL
110-86-1	Pyridine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/14/2024 16:54	LL
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	33.8 %	19.7-63.1								
13127-88-3	Surrogate: SURR: Phenol-d6	18.5 %	10.1-41.7								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	71.1 %	50.2-113								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	63.4 %	39.9-105								
1718-51-0	Surrogate: SURR: Terphenyl-d14	69.7 %	30.7-106								

SVOA, 8270 SIM MASTER

Sample Prepared by Method: EPA 3510C

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/14/2024 13:59	SS
208-96-8	Acenaphthylene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/14/2024 13:59	SS
120-12-7	Anthracene	0.0632		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/14/2024 13:59	SS
1912-24-9	Atrazine	ND		ug/L	0.526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/14/2024 13:59	SS
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/14/2024 13:59	SS
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/14/2024 13:59	SS
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/14/2024 13:59	SS



Sample Information

Client Sample ID: EB-1

York Sample ID: 24F0825-14

York Project (SDG) No.
24F0825

Client Project ID
Elka

Matrix
Ground Water

Collection Date/Time
June 11, 2024 3:00 pm

Date Received
06/12/2024

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOO	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/14/2024 13:59	SS
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/14/2024 13:59	SS
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/14/2024 13:59	SS
218-01-9	Chrysene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/14/2024 13:59	SS
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/14/2024 13:59	SS
206-44-0	Fluoranthene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/14/2024 13:59	SS
86-73-7	Fluorene	0.0632		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/14/2024 13:59	SS
118-74-1	Hexachlorobenzene	ND		ug/L	0.0211	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/14/2024 13:59	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/14/2024 13:59	SS
67-72-1	Hexachloroethane	ND		ug/L	0.526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/14/2024 13:59	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/14/2024 13:59	SS
91-20-3	Naphthalene	0.779		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/14/2024 13:59	SS
98-95-3	Nitrobenzene	ND		ug/L	0.263	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/14/2024 13:59	SS
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/14/2024 13:59	SS
87-86-5	Pentachlorophenol	ND		ug/L	0.263	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/14/2024 13:59	SS
85-01-8	Phenanthrene	0.0526		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/14/2024 13:59	SS
129-00-0	Pyrene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/14/2024 13:59	SS

Sample Information

Client Sample ID: GW-3 S

York Sample ID: 24F0825-15

York Project (SDG) No.
24F0825

Client Project ID
Elka

Matrix
Ground Water

Collection Date/Time
June 11, 2024 3:00 pm

Date Received
06/12/2024

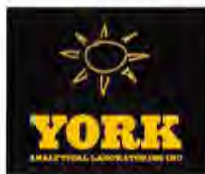
VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOO	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	Limit	Flag
Batch BF41251 - EPA 5030B											
LCS Dup (BF41251-BSD1)				Prepared & Analyzed: 06/19/2024							
Naphthalene	9.56		ug/L	10.0		95.6	70-147		7.38	30	
n-Butylbenzene	9.26		"	10.0		92.6	79-132		10.2	30	
n-Propylbenzene	9.88		"	10.0		98.8	78-133		12.4	30	
o-Xylene	9.46		"	10.0		94.6	78-130		6.15	30	
p- & m- Xylenes	19.1		"	20.0		95.3	77-133		7.09	30	
p-Diethylbenzene	9.55		"	10.0		95.5	84-134		10.7	30	
p-Ethyltoluene	11.2		"	10.0		112	88-129		11.5	30	
p-Isopropyltoluene	9.99		"	10.0		99.9	81-136		11.3	30	
sec-Butylbenzene	9.82		"	10.0		98.2	79-137		12.0	30	
Styrene	9.59		"	10.0		95.9	67-132		5.18	30	
tert-Butyl alcohol (TBA)	36.5		"	50.0		72.9	25-162		31.7	30	Non-dir.
tert-Butylbenzene	8.70		"	10.0		87.0	77-138		11.6	30	
Tetrachloroethylene	9.42		"	10.0		94.2	82-131		9.60	30	
Toluene	9.83		"	10.0		98.3	80-127		8.29	30	
trans-1,2-Dichloroethylene	8.83		"	10.0		88.3	80-132		2.79	30	
trans-1,3-Dichloropropylene	9.04		"	10.0		90.4	78-131		0.442	30	
Trichloroethylene	8.91		"	10.0		89.1	82-128		12.7	30	
Trichlorofluoromethane	8.38		"	10.0		83.8	67-139		5.00	30	
Vinyl Chloride	7.43		"	10.0		74.3	58-145		5.24	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	9.11		"	10.0		91.1	69-130				
Surrogate: SURR: Toluene-d8	10.2		"	10.0		102	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.0		"	10.0		100	79-122				
Matrix Spike (BF41251-MS1)				*Source sample: 24F0825-05 (GP-10 S)				Prepared & Analyzed: 06/19/2024			
1,1,1,2-Tetrachloroethane	7.68		ug/L	10.0	0.00	76.8	45-161				
1,1,1-Trichloroethane	7.27		"	10.0	0.00	72.7	70-146				
1,1,2,2-Tetrachloroethane	9.94		"	10.0	0.00	99.4	74-121				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	6.79		"	10.0	0.00	67.9	21-217				
1,1,2-Trichloroethane	28.2		"	10.0	0.00	282	59-146	High Bias			
1,1-Dichloroethane	7.76		"	10.0	0.00	77.6	54-146				
1,1-Dichloroethylene	8.16		"	10.0	0.00	81.6	44-165				
1,2,3-Trichlorobenzene	7.53		"	10.0	0.00	75.3	40-161				
1,2,3-Trichloropropane	9.65		"	10.0	0.00	96.5	74-127				
1,2,4-Trichlorobenzene	7.60		"	10.0	0.00	76.0	41-161				
1,2,4-Trimethylbenzene	118		"	10.0	534	NR	72-129	Low Bias			
1,2-Dibromo-3-chloropropane	14.2		"	10.0	0.00	142	31-151				
1,2-Dibromoethane	9.49		"	10.0	0.00	94.9	75-125				
1,2-Dichlorobenzene	8.89		"	10.0	0.00	88.9	63-122				
1,2-Dichloroethane	7.20		"	10.0	0.00	72.0	68-131				
1,2-Dichloropropane	10.2		"	10.0	0.00	102	77-121				
1,3,5-Trimethylbenzene	45.6		"	10.0	181	NR	69-126	Low Bias			
1,3-Dichlorobenzene	8.45		"	10.0	0.00	84.5	74-119				
1,3-Dichloropropane	9.13		"	10.0	0.00	91.3	77-119				
1,4-Dichlorobenzene	8.33		"	10.0	0.00	83.3	70-124				
1,4-Dioxane	161		"	210	0.00	76.7	10-310				
2-Butanone	8.06		"	10.0	0.00	80.6	10-193				
2-Hexanone	10.1		"	10.0	0.00	101	53-133				
4-Methyl-2-pentanone	8.33		"	10.0	0.00	83.3	38-150				
Acetone	13.2		"	10.0	0.00	132	13-149				
Acrolein	4.30		"	10.0	0.00	43.0	10-195				
Acrylonitrile	7.86		"	10.0	0.00	78.6	37-165				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	Limit	Flag
Batch BF41251 - EPA 5030B											
Matrix Spike (BF41251-MS1)		*Source sample: 24F0825-05 (GP-10 S)					Prepared & Analyzed: 06/19/2024				
Benzene	8.46		ug/L	10.0	0.00	84.6	38-155				
Bromochloromethane	7.47		"	10.0	0.00	74.7	75-121	Low Bias			
Bromodichloromethane	7.50		"	10.0	0.00	75.0	70-129				
Bromoform	6.97		"	10.0	0.00	69.7	66-136				
Bromomethane	4.90		"	10.0	0.00	49.0	30-158				
Carbon disulfide	8.12		"	10.0	0.00	81.2	10-138				
Carbon tetrachloride	6.64		"	10.0	0.00	66.4	71-146	Low Bias			
Chlorobenzene	8.99		"	10.0	0.00	89.9	81-117				
Chloroethane	7.10		"	10.0	0.00	71.0	51-145				
Chloroform	7.60		"	10.0	0.00	76.0	80-124	Low Bias			
Chloromethane	5.51		"	10.0	0.00	55.1	16-163				
cis-1,2-Dichloroethylene	8.02		"	10.0	3.25	47.7	76-125	Low Bias			
cis-1,3-Dichloropropylene	8.77		"	10.0	0.00	87.7	58-131				
Cyclohexane	5.46		"	10.0	11.4	NR	70-130	Low Bias			
Dibromochloromethane	7.78		"	10.0	0.00	77.8	71-129				
Dibromomethane	8.48		"	10.0	0.00	84.8	76-120				
Dichlorodifluoromethane	4.59		"	10.0	0.00	45.9	30-147				
Ethyl Benzene	83.2		"	10.0	371	NR	72-128	Low Bias			
Hexachlorobutadiene	6.28		"	10.0	0.00	62.8	34-166				
Isopropylbenzene	18.3		"	10.0	47.5	NR	66-139	Low Bias			
Methyl acetate	7.43		"	10.0	0.00	74.3	10-200				
Methyl tert-butyl ether (MTBE)	7.91		"	10.0	0.00	79.1	75-128				
Methyleyclohexane	69.0		"	10.0	294	NR	70-130	Low Bias			
Methylene chloride	7.34		"	10.0	0.00	73.4	57-128				
Naphthalene	19.1		"	10.0	49.2	NR	39-158	Low Bias			
n-Butylbenzene	13.6		"	10.0	32.0	NR	61-138	Low Bias			
n-Propylbenzene	34.3		"	10.0	126	NR	66-134	Low Bias			
o-Xylene	8.57		"	10.0	0.00	85.7	69-126				
p- & m- Xylenes	184		"	20.0	838	NR	67-130	Low Bias			
p-Diethylbenzene	27.1		"	10.0	95.2	NR	52-150	Low Bias			
p-Ethyltoluene	34.8		"	10.0	127	NR	76-127	Low Bias			
p-Isopropyltoluene	14.4		"	10.0	31.8	NR	64-137	Low Bias			
sec-Butylbenzene	15.6		"	10.0	37.1	NR	53-155	Low Bias			
Styrene	8.74		"	10.0	0.00	87.4	69-125				
tert-Butyl alcohol (TBA)	38.0		"	50.0	0.00	76.0	10-130				
tert-Butylbenzene	8.48		"	10.0	5.60	28.8	65-139	Low Bias			
Tetrachloroethylene	8.37		"	10.0	0.00	83.7	64-139				
Toluene	9.39		"	10.0	0.00	93.9	76-123				
trans-1,2-Dichloroethylene	7.57		"	10.0	0.00	75.7	79-131	Low Bias			
trans-1,3-Dichloropropylene	8.43		"	10.0	0.00	84.3	55-130				
Trichloroethylene	8.62		"	10.0	0.00	86.2	53-145				
Trichlorofluoromethane	7.00		"	10.0	0.00	70.0	61-142				
Vinyl Chloride	6.74		"	10.0	0.00	67.4	31-165				
Surrogate: SURR: 1,2-Dichloroethane-d4	8.30		"	10.0		83.0	69-130				
Surrogate: SURR: Toluene-d8	10.5		"	10.0		105	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.43		"	10.0		94.3	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF41251 - EPA 5030B											
Matrix Spike Dup (BF41251-MSD1)		*Source sample: 24F0825-05 (GP-10 S)				Prepared & Analyzed: 06/19/2024					
1,1,1,2-Tetrachloroethane	8.72		ug/L	10.0	0.00	87.2	45-161		12.7	30	
1,1,1-Trichloroethane	8.18		"	10.0	0.00	81.8	70-146		11.8	30	
1,1,2,2-Tetrachloroethane	10.7		"	10.0	0.00	107	74-121		12.7	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	7.42		"	10.0	0.00	74.2	21-217		8.87	30	
1,1,2-Trichloroethane	29.1		"	10.0	0.00	291	59-146	High Bias	3.14	30	
1,1-Dichloroethane	8.74		"	10.0	0.00	87.4	54-146		11.9	30	
1,1-Dichloroethylene	9.07		"	10.0	0.00	90.7	44-165		10.6	30	
1,2,3-Trichlorobenzene	8.09		"	10.0	0.00	80.9	40-161		7.17	30	
1,2,3-Trichloropropane	10.4		"	10.0	0.00	104	74-127		7.48	30	
1,2,4-Trichlorobenzene	7.94		"	10.0	0.00	79.4	41-161		4.38	30	
1,2,4-Trimethylbenzene	120		"	10.0	534	NR	72-129	Low Bias	1.77	30	
1,2-Dibromo-3-chloropropane	14.1		"	10.0	0.00	141	31-151		0.353	30	
1,2-Dibromoethane	10.5		"	10.0	0.00	105	75-125		9.72	30	
1,2-Dichlorobenzene	9.50		"	10.0	0.00	95.0	63-122		6.63	30	
1,2-Dichloroethane	7.92		"	10.0	0.00	79.2	68-131		9.52	30	
1,2-Dichloropropane	11.2		"	10.0	0.00	112	77-121		9.57	30	
1,3,5-Trimethylbenzene	46.8		"	10.0	181	NR	69-126	Low Bias	2.57	30	
1,3-Dichlorobenzene	8.85		"	10.0	0.00	88.5	74-119		4.62	30	
1,3-Dichloropropane	10.2		"	10.0	0.00	102	77-119		11.6	30	
1,4-Dichlorobenzene	8.88		"	10.0	0.00	88.8	70-124		6.39	30	
1,4-Dioxane	223		"	210	0.00	106	10-310			30	
2-Butanone	8.57		"	10.0	0.00	85.7	10-193		6.13	30	
2-Hexanone	11.0		"	10.0	0.00	110	53-133		8.71	30	
4-Methyl-2-pentanone	9.14		"	10.0	0.00	91.4	38-150		9.27	30	
Acetone	14.2		"	10.0	0.00	142	13-149		7.74	30	
Acrolein	4.39		"	10.0	0.00	43.9	10-195		2.07	30	
Acrylonitrile	8.44		"	10.0	0.00	84.4	37-165		7.12	30	
Benzene	9.28		"	10.0	0.00	92.8	38-155		9.24	30	
Bromochloromethane	8.27		"	10.0	0.00	82.7	75-121		10.2	30	
Bromodichloromethane	8.27		"	10.0	0.00	82.7	70-129		9.77	30	
Bromoform	7.99		"	10.0	0.00	79.9	66-136		13.6	30	
Bromomethane	6.12		"	10.0	0.00	61.2	30-158		22.1	30	
Carbon disulfide	8.92		"	10.0	0.00	89.2	10-138		9.39	30	
Carbon tetrachloride	7.50		"	10.0	0.00	75.0	71-146		12.2	30	
Chlorobenzene	10.0		"	10.0	0.00	100	81-117		10.6	30	
Chloroethane	7.44		"	10.0	0.00	74.4	51-145		4.68	30	
Chloroform	8.31		"	10.0	0.00	83.1	80-124		8.93	30	
Chloromethane	5.60		"	10.0	0.00	56.0	16-163		1.62	30	
cis-1,2-Dichloroethylene	8.90		"	10.0	3.25	56.5	76-125	Low Bias	10.4	30	
cis-1,3-Dichloropropylene	9.70		"	10.0	0.00	97.0	58-131		10.1	30	
Cyclohexane	5.88		"	10.0	11.4	NR	70-130	Low Bias	7.41	30	
Dibromochloromethane	8.82		"	10.0	0.00	88.2	71-129		12.5	30	
Dibromomethane	9.21		"	10.0	0.00	92.1	76-120		8.25	30	
Dichlorodifluoromethane	4.53		"	10.0	0.00	45.3	30-147		1.32	30	
Ethyl Benzene	87.3		"	10.0	371	NR	72-128	Low Bias	4.80	30	
Hexachlorobutadiene	6.58		"	10.0	0.00	65.8	34-166		4.67	30	
Isopropylbenzene	19.0		"	10.0	47.5	NR	66-139	Low Bias	3.75	30	
Methyl acetate	8.09		"	10.0	0.00	80.9	10-200		8.51	30	
Methyl tert-butyl ether (MTBE)	8.88		"	10.0	0.00	88.8	75-128		11.6	30	
Methylcyclohexane	70.8		"	10.0	294	NR	70-130	Low Bias	2.55	30	
Methylene chloride	8.07		"	10.0	0.00	80.7	57-128		9.47	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	Limit	Flag

Batch BF41251 - EPA 5030B

Matrix Spike Dup (BF41251-MSD1)

*Source sample: 24F0825-05 (GP-10 S)

Prepared & Analyzed: 06/19/2024

Naphthalene	19.8		ug/L	10.0	49.2	NR	39-158	Low Bias	3.29	30	
n-Butylbenzene	14.0		"	10.0	32.0	NR	61-138	Low Bias	2.61	30	
n-Propylbenzene	33.1		"	10.0	126	NR	66-134	Low Bias	3.41	30	
o-Xylene	9.41		"	10.0	0.00	94.1	69-126		9.34	30	
p- & m- Xylenes	193		"	20.0	838	NR	67-130	Low Bias	4.38	30	
p-Diethylbenzene	28.1		"	10.0	95.2	NR	52-150	Low Bias	3.59	30	
p-Ethyltoluene	35.0		"	10.0	127	NR	76-127	Low Bias	0.659	30	
p-Isopropyltoluene	14.8		"	10.0	31.8	NR	64-137	Low Bias	3.09	30	
sec-Butylbenzene	16.3		"	10.0	37.1	NR	53-155	Low Bias	4.70	30	
Styrene	9.63		"	10.0	0.00	96.3	69-125		9.69	30	
tert-Butyl alcohol (TBA)	40.8		"	50.0	0.00	81.7	10-130		7.18	30	
tert-Butylbenzene	9.17		"	10.0	5.60	35.7	65-139	Low Bias	7.82	30	
Tetrachloroethylene	8.92		"	10.0	0.00	89.2	64-139		6.36	30	
Toluene	10.2		"	10.0	0.00	102	76-123		7.98	30	
trans-1,2-Dichloroethylene	8.36		"	10.0	0.00	83.6	79-131		9.92	30	
trans-1,3-Dichloropropylene	9.30		"	10.0	0.00	93.0	55-130		9.81	30	
Trichloroethylene	9.31		"	10.0	0.00	93.1	53-145		7.70	30	
Trichlorofluoromethane	7.53		"	10.0	0.00	75.3	61-142		7.30	30	
Vinyl Chloride	7.07		"	10.0	0.00	70.7	31-165		4.78	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	8.29		"	10.0		82.9	69-130				
Surrogate: SURR: Toluene-d8	10.5		"	10.0		105	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.35		"	10.0		93.5	79-122				

Batch BF41252 - EPA 5030B

Blank (BF41252-BLK1)

Prepared & Analyzed: 06/20/2024

1,1,1,2-Tetrachloroethane	ND	0.500	ug/L
1,1,1-Trichloroethane	ND	0.500	"
1,1,2,2-Tetrachloroethane	ND	0.500	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"
1,1,2-Trichloroethane	ND	0.500	"
1,1-Dichloroethane	ND	0.500	"
1,1-Dichloroethylene	ND	0.500	"
1,2,3-Trichlorobenzene	ND	0.500	"
1,2,3-Trichloropropane	ND	0.500	"
1,2,4-Trichlorobenzene	ND	0.500	"
1,2,4-Trimethylbenzene	ND	0.500	"
1,2-Dibromo-3-chloropropane	ND	0.500	"
1,2-Dibromoethane	ND	0.500	"
1,2-Dichlorobenzene	ND	0.500	"
1,2-Dichloroethane	ND	0.500	"
1,2-Dichloropropane	ND	0.500	"
1,3,5-Trimethylbenzene	ND	0.500	"
1,3-Dichlorobenzene	ND	0.500	"
1,3-Dichloropropane	ND	0.500	"
1,4-Dichlorobenzene	ND	0.500	"
1,4-Dioxane	ND	80.0	"
2-Butanone	ND	0.500	"
2-Hexanone	ND	0.500	"
4-Methyl-2-pentanone	ND	0.500	"
Acetone	ND	2.00	"



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF40846 - EPA 3510C											
Matrix Spike (BF40846-MS1)		*Source sample: 24F0825-05 (GP-10 S)						Prepared & Analyzed: 06/13/2024			
1,1-Biphenyl	17.8	5.00	ug/L	25.0	ND	71.0	26-79				
1,2,4,5-Tetrachlorobenzene	15.9	5.00	"	25.0	ND	63.7	33-90				
1,2,4-Trichlorobenzene	17.0	5.00	"	25.0	ND	68.0	31-88				
1,2-Dichlorobenzene	15.6	5.00	"	25.0	ND	62.6	24-93				
1,2-Diphenylhydrazine (as Azobenzene)	16.5	5.00	"	25.0	ND	65.8	21-107				
1,3-Dichlorobenzene	14.7	5.00	"	25.0	ND	59.0	28-86				
1,4-Dichlorobenzene	14.7	5.00	"	25.0	ND	59.0	25-85				
2,3,4,6-Tetrachlorophenol	23.0	5.00	"	25.0	ND	92.0	30-130				
2,4,5-Trichlorophenol	17.6	5.00	"	25.0	ND	70.4	43-96				
2,4,6-Trichlorophenol	20.2	5.00	"	25.0	ND	80.7	46-94				
2,4-Dichlorophenol	19.6	5.00	"	25.0	ND	78.3	26-101				
2,4-Dimethylphenol	14.8	5.00	"	25.0	ND	59.0	10-104				
2,4-Dinitrophenol	16.7	5.00	"	25.0	ND	66.8	10-146				
2,4-Dinitrotoluene	25.3	5.00	"	25.0	ND	101	30-108				
2,6-Dinitrotoluene	23.4	5.00	"	25.0	ND	93.5	38-98				
2-Chloronaphthalene	16.7	5.00	"	25.0	ND	66.8	30-89				
2-Chlorophenol	14.8	5.00	"	25.0	ND	59.1	24-98				
2-Methylnaphthalene	30.1	5.00	"	25.0	20.4	38.8	10-112				
2-Methylphenol	ND	5.00	"	25.0	ND		10-134	Low Bias			
2-Nitroaniline	23.3	5.00	"	25.0	ND	93.2	25-110				
2-Nitrophenol	22.1	5.00	"	25.0	ND	88.4	10-139				
3- & 4-Methylphenols	ND	5.00	"	25.0	ND		10-91	Low Bias			
3,3-Dichlorobenzidine	10.8	5.00	"	25.0	ND	43.1	10-140				
3-Nitroaniline	17.6	5.00	"	25.0	ND	70.3	22-111				
4,6-Dinitro-2-methylphenol	22.0	5.00	"	25.0	ND	88.0	10-140				
4-Bromophenyl phenyl ether	17.3	5.00	"	25.0	ND	69.4	30-108				
4-Chloro-3-methylphenol	19.6	5.00	"	25.0	ND	78.6	11-109				
4-Chloroaniline	10.3	5.00	"	25.0	ND	41.4	10-116				
4-Chlorophenyl phenyl ether	17.8	5.00	"	25.0	ND	71.4	39-85				
4-Nitroaniline	21.4	5.00	"	25.0	ND	85.6	11-132				
4-Nitrophenol	8.84	5.00	"	25.0	ND	35.4	10-82				
Acenaphthene	16.9	0.0500	"	25.0	0.500	65.7	31-90				
Acenaphthylene	15.7	0.0500	"	25.0	0.500	60.7	32-83				
Acetophenone	10.8	5.00	"	25.0	ND	43.3	14-102				
Aniline	13.7	5.00	"	25.0	ND	54.6	10-80				
Anthracene	18.4	0.0500	"	25.0	ND	73.6	35-92				
Benzaldehyde	441	5.00	"	25.0	ND	NR	13-87	High Bias			
Benzo(a)anthracene	20.2	0.0500	"	25.0	ND	80.9	17-117				
Benzo(a)pyrene	18.0	0.0500	"	25.0	ND	72.1	42-110				
Benzo(b)fluoranthene	18.5	0.0500	"	25.0	ND	74.0	18-135				
Benzo(g,h,i)perylene	19.6	0.0500	"	25.0	ND	78.5	10-125				
Benzo(k)fluoranthene	18.5	0.0500	"	25.0	ND	74.0	33-107				
Benzoic acid	ND	5.00	"	25.0	ND		10-162	Low Bias			
Benzyl alcohol	9.76	5.00	"	25.0	ND	39.0	10-102				
Benzyl butyl phthalate	24.8	5.00	"	25.0	ND	99.1	10-133				
Bis(2-chloroethoxy)methane	17.2	5.00	"	25.0	ND	68.9	18-105				
Bis(2-chloroethyl)ether	19.7	5.00	"	25.0	ND	78.8	10-108				
Bis(2-chloroisopropyl)ether	11.0	5.00	"	25.0	ND	43.9	13-116				
Bis(2-ethylhexyl)phthalate	24.8	0.500	"	25.0	1.00	95.2	10-119				
Caprolactam	3.66	5.00	"	25.0	ND	14.6	10-75				
Carbazole	19.5	5.00	"	25.0	ND	77.8	36-108				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BF40846 - EPA 3510C

Matrix Spike (BF40846-MS1)

*Source sample: 24F0825-05 (GP-10 S)

Prepared & Analyzed: 06/13/2024

Chrysene	19.9	0.0500	ug/L	25.0	ND	79.6	23-111				
Dibenzo(a,h)anthracene	19.8	0.0500	"	25.0	ND	79.4	10-118				
Dibenzofuran	18.0	5.00	"	25.0	ND	72.2	34-92				
Diethyl phthalate	19.7	5.00	"	25.0	ND	78.6	33-98				
Dimethyl phthalate	18.2	5.00	"	25.0	ND	73.0	18-116				
Di-n-butyl phthalate	23.0	5.00	"	25.0	3.83	76.6	25-97				
Di-n-octyl phthalate	24.1	5.00	"	25.0	ND	96.5	10-137				
Fluoranthene	18.0	0.0500	"	25.0	ND	72.0	35-98				
Fluorene	18.1	0.0500	"	25.0	ND	72.4	37-87				
Hexachlorobenzene	18.4	0.0200	"	25.0	ND	73.8	16-106				
Hexachlorobutadiene	16.1	0.500	"	25.0	ND	64.6	10-120				
Hexachlorocyclopentadiene	ND	10.0	"	25.0	ND		10-79	Low Bias			
Hexachloroethane	107	0.500	"	25.0	ND	428	10-108	High Bias			
Indeno(1,2,3-cd)pyrene	19.6	0.0500	"	25.0	ND	78.5	10-120				
Isophorone	16.1	5.00	"	25.0	ND	64.3	25-103				
Naphthalene	46.9	0.0500	"	25.0	37.0	39.6	27-92				
Nitrobenzene	22.1	0.250	"	25.0	ND	88.4	10-127				
N-Nitrosodimethylamine	6.03	0.500	"	25.0	ND	24.1	10-81				
N-nitroso-di-n-propylamine	14.1	5.00	"	25.0	ND	56.4	19-115				
N-Nitrosodiphenylamine	22.1	5.00	"	25.0	ND	88.2	31-112				
Pentachlorophenol	22.6	0.250	"	25.0	ND	90.4	10-149				
Phenanthrene	18.7	0.0500	"	25.0	ND	74.8	34-94				
Phenol	5.25	5.00	"	25.0	ND	21.0	10-61				
Pyrene	22.0	0.0500	"	25.0	ND	88.0	25-122				
Pyridine	ND	5.00	"	35.0	ND		10-78	Low Bias			
Surrogate: SURR: 2-Fluorophenol	15.4		"	50.0		30.9	19.7-63.1				
Surrogate: SURR: Phenol-d6	8.08		"	50.0		16.2	10.1-41.7				
Surrogate: SURR: Nitrobenzene-d5	17.1		"	25.0		68.2	50.2-113				
Surrogate: SURR: 2-Fluorobiphenyl	16.0		"	25.0		64.2	39.9-105				
Surrogate: SURR: 2,4,6-Tribromophenol	41.9		"	50.0		83.9	39.3-151				
Surrogate: SURR: Terphenyl-d14	21.6		"	25.0		86.3	30.7-106				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF40846 - EPA 3510C											
Matrix Spike Dup (BF40846-MSD1)		*Source sample: 24F0825-05 (GP-10 S)					Prepared & Analyzed: 06/13/2024				
1,1-Biphenyl	19.8	5.00	ug/L	25.0	ND	79.1	26-79	High Bias	10.8	25	
1,2,4,5-Tetrachlorobenzene	18.7	5.00	"	25.0	ND	74.9	33-90		16.1	25	
1,2,4-Trichlorobenzene	18.8	5.00	"	25.0	ND	75.0	31-88		9.84	25	
1,2-Dichlorobenzene	16.9	5.00	"	25.0	ND	67.8	24-93		7.98	25	
1,2-Diphenylhydrazine (as Azobenzene)	21.1	5.00	"	25.0	ND	84.6	21-107		24.9	25	
1,3-Dichlorobenzene	16.0	5.00	"	25.0	ND	63.9	28-86		8.01	25	
1,4-Dichlorobenzene	16.3	5.00	"	25.0	ND	65.1	25-85		9.87	25	
2,3,4,6-Tetrachlorophenol	31.3	5.00	"	25.0	ND	125	30-130		30.6	25	Non-dir.
2,4,5-Trichlorophenol	25.4	5.00	"	25.0	ND	102	43-96	High Bias	36.2	25	Non-dir.
2,4,6-Trichlorophenol	26.2	5.00	"	25.0	ND	105	46-94	High Bias	26.0	25	Non-dir.
2,4-Dichlorophenol	22.7	5.00	"	25.0	ND	91.0	26-101		14.9	25	
2,4-Dimethylphenol	18.0	5.00	"	25.0	ND	72.0	10-104		19.8	25	
2,4-Dinitrophenol	28.0	5.00	"	25.0	ND	112	10-146		50.5	25	Non-dir.
2,4-Dinitrotoluene	26.6	5.00	"	25.0	ND	106	30-108		4.78	25	
2,6-Dinitrotoluene	25.0	5.00	"	25.0	ND	100	38-98	High Bias	6.90	25	
2-Chloronaphthalene	18.3	5.00	"	25.0	ND	73.4	30-89		9.42	25	
2-Chlorophenol	16.7	5.00	"	25.0	ND	66.6	24-98		12.0	25	
2-Methylnaphthalene	32.2	5.00	"	25.0	20.4	47.2	10-112		6.72	25	
2-Methylphenol	7.50	5.00	"	25.0	ND	30.0	10-134			25	
2-Nitroaniline	25.6	5.00	"	25.0	ND	102	25-110		9.21	25	
2-Nitrophenol	27.2	5.00	"	25.0	ND	109	10-139		20.6	25	
3- & 4-Methylphenols	ND	5.00	"	25.0	ND		10-91	Low Bias ✓		25	
3,3-Dichlorobenzidine	9.99	5.00	"	25.0	ND	40.0	10-140		7.51	25	
3-Nitroaniline	18.4	5.00	"	25.0	ND	73.5	22-111		4.45	25	
4,6-Dinitro-2-methylphenol	26.4	5.00	"	25.0	ND	106	10-140		18.2	25	
4-Bromophenyl phenyl ether	20.8	5.00	"	25.0	ND	83.3	30-108		18.2	25	
4-Chloro-3-methylphenol	23.1	5.00	"	25.0	ND	92.4	11-109		16.1	25	
4-Chloroaniline	11.0	5.00	"	25.0	ND	44.0	10-116		6.19	25	
4-Chlorophenyl phenyl ether	19.8	5.00	"	25.0	ND	79.4	39-85		10.6	25	
4-Nitroaniline	22.8	5.00	"	25.0	ND	91.0	11-132		6.07	25	
4-Nitrophenol	14.3	5.00	"	25.0	ND	57.0	10-82		46.9	25	Non-dir.
Acenaphthene	19.1	0.0500	"	25.0	0.500	74.2	31-90		11.8	25	
Acenaphthylene	17.2	0.0500	"	25.0	0.500	66.8	32-83		9.37	25	
Acetophenone	11.0	5.00	"	25.0	ND	43.9	14-102		1.38	25	
Aniline	20.9	5.00	"	25.0	ND	83.4	10-80	High Bias	41.7	25	Non-dir.
Anthracene	20.2	0.0500	"	25.0	ND	80.8	35-92		9.33	25	
Benzaldehyde	454	5.00	"	25.0	ND	NR	13-87	High Bias	2.99	25	
Benzo(a)anthracene	22.6	0.0500	"	25.0	ND	90.4	17-117		11.2	25	
Benzo(a)pyrene	18.9	0.0500	"	25.0	ND	75.6	42-110		4.66	25	
Benzo(b)fluoranthene	19.7	0.0500	"	25.0	ND	78.6	18-135		6.13	25	
Benzo(g,h,i)perylene	26.9	0.0500	"	25.0	ND	108	10-125		31.2	25	Non-dir.
Benzo(k)fluoranthene	19.7	0.0500	"	25.0	ND	78.7	33-107		6.18	25	
Benzoic acid	30.1	5.00	"	25.0	ND	121	10-162			25	
Benzyl alcohol	12.0	5.00	"	25.0	ND	47.9	10-102		20.4	25	
Benzyl butyl phthalate	23.5	5.00	"	25.0	ND	94.1	10-133		5.18	25	
Bis(2-chloroethoxy)methane	20.7	5.00	"	25.0	ND	82.8	18-105		18.4	25	
Bis(2-chloroethyl)ether	19.9	5.00	"	25.0	ND	79.8	10-108		1.21	25	
Bis(2-chloroisopropyl)ether	17.1	5.00	"	25.0	ND	68.4	13-116		43.6	25	Non-dir.
Bis(2-ethylhexyl)phthalate	23.6	0.500	"	25.0	1.00	90.4	10-119			25	
Caprolactam	4.02	5.00	"	25.0	ND	16.1	10-75		9.37	25	
Carbazole	21.5	5.00	"	25.0	ND	86.0	36-108		9.96	25	



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF40846 - EPA 3510C											
Matrix Spike Dup (BF40846-MSD1)		*Source sample: 24F0825-05 (GP-10 S)					Prepared & Analyzed: 06/13/2024				
Chrysene	20.4	0.0500	ug/L	25.0	ND	81.8	23-111		2.68	25	
Dibenzo(a,h)anthracene	22.1	0.0500	"	25.0	ND	88.3	10-118		10.6	25	
Dibenzofuran	19.7	5.00	"	25.0	ND	78.8	34-92		8.69	25	
Diethyl phthalate	20.4	5.00	"	25.0	ND	81.6	33-98		3.65	25	
Dimethyl phthalate	19.5	5.00	"	25.0	ND	77.9	18-116		6.57	25	
Di-n-butyl phthalate	23.9	5.00	"	25.0	3.83	80.2	25-97		3.84	25	
Di-n-octyl phthalate	22.7	5.00	"	25.0	ND	90.7	10-137		6.24	25	
Fluoranthene	20.7	0.0500	"	25.0	ND	82.9	35-98		14.0	25	
Fluorene	19.8	0.0500	"	25.0	ND	79.4	37-87		9.12	25	
Hexachlorobenzene	18.7	0.0200	"	25.0	ND	74.9	16-106		1.45	25	
Hexachlorobutadiene	18.5	0.500	"	25.0	ND	74.0	10-120			25	
Hexachlorocyclopentadiene	6.36	10.0	"	25.0	ND	25.4	10-79			25	
Hexachloroethane	110	0.500	"	25.0	ND	441	10-108	High Bias	3.19	25	
Indeno(1,2,3-cd)pyrene	22.4	0.0500	"	25.0	ND	89.4	10-120		13.0	25	
Isophorone	20.4	5.00	"	25.0	ND	81.8	25-103		23.9	25	
Naphthalene	51.2	0.0500	"	25.0	37.0	56.7	27-92		8.73	25	
Nitrobenzene	27.3	0.250	"	25.0	ND	109	10-127		21.0	25	
N-Nitrosodimethylamine	7.81	0.500	"	25.0	ND	31.2	10-81			25	
N-nitroso-di-n-propylamine	17.5	5.00	"	25.0	ND	69.8	19-115		21.2	25	
N-Nitrosodiphenylamine	24.7	5.00	"	25.0	ND	98.6	31-112		11.1	25	
Pentachlorophenol	54.5	0.250	"	25.0	ND	218	10-149	High Bias	82.7	25	Non-dir.
Phenanthrene	20.6	0.0500	"	25.0	ND	82.2	34-94		9.48	25	
Phenol	6.32	5.00	"	25.0	ND	25.3	10-61		18.5	25	
Pyrene	22.5	0.0500	"	25.0	ND	90.2	25-122		2.42	25	
Pyridine	2.53	5.00	"	35.0	ND	7.23	10-78	Low Bias		25	
Surrogate: SURR: 2-Fluorophenol	19.2		"	50.0		38.4	19.7-63.1				
Surrogate: SURR: Phenol-d6	10.8		"	50.0		21.6	10.1-41.7				
Surrogate: SURR: Nitrobenzene-d5	20.7		"	25.0		82.8	50.2-113				
Surrogate: SURR: 2-Fluorobiphenyl	18.6		"	25.0		74.3	39.9-105				
Surrogate: SURR: 2,4,6-Tribromophenol	64.7		"	50.0		129	39.3-151				
Surrogate: SURR: Terphenyl-d14	23.6		"	25.0		94.6	30.7-106				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF40994 - EPA 5030B											
Blank (BF40994-BLK1)											
Prepared & Analyzed: 06/14/2024											
Methylene chloride	ND	2.00	ug/L								
Naphthalene	0.730	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Diethylbenzene	ND	0.500	"								
p-Ethyltoluene	ND	0.500	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	8.39		"	10.0		83.9	69-130				
Surrogate: SURR: Toluene-d8	9.49		"	10.0		94.9	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.2		"	10.0		102	79-122				
LCS (BF40994-BS1)											
Prepared & Analyzed: 06/14/2024											
1,1,1,2-Tetrachloroethane	8.56		ug/L	10.0		85.6	82-126				
1,1,1-Trichloroethane	9.43		"	10.0		94.3	78-136				
1,1,2,2-Tetrachloroethane	10.6		"	10.0		106	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.6		"	10.0		106	54-165				
1,1,2-Trichloroethane	9.31		"	10.0		93.1	82-123				
1,1-Dichloroethane	11.0		"	10.0		110	82-129				
1,1-Dichloroethylene	11.3		"	10.0		113	68-138				
1,2,3-Trichlorobenzene	7.87		"	10.0		78.7	76-136				
1,2,3-Trichloropropane	10.2		"	10.0		102	77-128				
1,2,4-Trichlorobenzene	8.33		"	10.0		83.3	76-137				
1,2,4-Trimethylbenzene	11.1		"	10.0		111	82-132				
1,2-Dibromo-3-chloropropane	7.97		"	10.0		79.7	45-147				
1,2-Dibromoethane	9.05		"	10.0		90.5	83-124				
1,2-Dichlorobenzene	9.99		"	10.0		99.9	79-123				
1,2-Dichloroethane	8.54		"	10.0		85.4	73-132				
1,2-Dichloropropane	10.5		"	10.0		105	78-126				
1,3,5-Trimethylbenzene	11.4		"	10.0		114	80-131				
1,3-Dichlorobenzene	10.1		"	10.0		101	86-122				
1,3-Dichloropropane	9.23		"	10.0		92.3	81-125				
1,4-Dichlorobenzene	9.99		"	10.0		99.9	85-124				
1,4-Dioxane	151		"	210		71.9	10-349				
2-Butanone	11.5		"	10.0		115	49-152				
2-Hexanone	8.10		"	10.0		81.0	51-146				
4-Methyl-2-pentanone	7.58		"	10.0		75.8	57-145				
Acetone	8.53		"	10.0		85.3	14-150				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF40994 - EPA 5030B											
LCS (BF40994-BS1)						Prepared & Analyzed: 06/14/2024					
Acrolein	5.44		ug/L	10.0		54.4	10-153				
Acrylonitrile	9.31		"	10.0		93.1	51-150				
Benzene	11.9		"	10.0		119	85-126				
Bromochloromethane	9.88		"	10.0		98.8	77-128				
Bromodichloromethane	8.08		"	10.0		80.8	79-128				
Bromoform	6.48		"	10.0		64.8	78-133	Low Bias			
Bromomethane	10.5		"	10.0		105	43-168				
Carbon disulfide	12.2		"	10.0		122	68-146				
Carbon tetrachloride	8.63		"	10.0		86.3	77-141				
Chlorobenzene	10.1		"	10.0		101	88-120				
Chloroethane	10.5		"	10.0		105	65-136				
Chloroform	10.2		"	10.0		102	82-128				
Chloromethane	9.41		"	10.0		94.1	43-155				
cis-1,2-Dichloroethylene	10.8		"	10.0		108	83-129				
cis-1,3-Dichloropropylene	9.70		"	10.0		97.0	80-131				
Cyclohexane	4.66		"	10.0		46.6	63-149	Low Bias			
Dibromochloromethane	7.55		"	10.0		75.5	80-130	Low Bias			
Dibromomethane	8.48		"	10.0		84.8	72-134				
Dichlorodifluoromethane	9.82		"	10.0		98.2	44-144				
Ethyl Benzene	10.5		"	10.0		105	80-131				
Hexachlorobutadiene	6.82		"	10.0		68.2	67-146				
Isopropylbenzene	11.5		"	10.0		115	76-140				
Methyl acetate	8.69		"	10.0		86.9	51-139				
Methyl tert-butyl ether (MTBE)	9.37		"	10.0		93.7	76-135				
Methylcyclohexane	9.54		"	10.0		95.4	72-143				
Methylene chloride	10.2		"	10.0		102	55-137				
Naphthalene	9.60		"	10.0		96.0	70-147				
n-Butylbenzene	9.01		"	10.0		90.1	79-132				
n-Propylbenzene	10.9		"	10.0		109	78-133				
o-Xylene	10.1		"	10.0		101	78-130				
p- & m- Xylenes	20.6		"	20.0		103	77-133				
p-Diethylbenzene	9.45		"	10.0		94.5	84-134				
p-Ethyltoluene	12.4		"	10.0		124	88-129				
p-Isopropyltoluene	10.1		"	10.0		101	81-136				
sec-Butylbenzene	10.2		"	10.0		102	79-137				
Styrene	9.82		"	10.0		98.2	67-132				
tert-Butyl alcohol (TBA)	29.3		"	50.0		58.6	25-162				
tert-Butylbenzene	9.27		"	10.0		92.7	77-138				
Tetrachloroethylene	9.56		"	10.0		95.6	82-131				
Toluene	10.9		"	10.0		109	80-127				
trans-1,2-Dichloroethylene	10.9		"	10.0		109	80-132				
trans-1,3-Dichloropropylene	8.83		"	10.0		88.3	78-131				
Trichloroethylene	10.1		"	10.0		101	82-128				
Trichlorofluoromethane	9.69		"	10.0		96.9	67-139				
Vinyl Chloride	9.96		"	10.0		99.6	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	7.17		"	10.0		71.7	69-130				
Surrogate: SURR: Toluene-d8	10.1		"	10.0		101	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.4		"	10.0		104	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF40994 - EPA 5030B											
LCS Dup (BF40994-BSD1)						Prepared & Analyzed: 06/14/2024					
1,1,1,2-Tetrachloroethane	8.27		ug/L	10.0		82.7	82-126		3.45	30	
1,1,1-Trichloroethane	8.79		"	10.0		87.9	78-136		7.03	30	
1,1,2,2-Tetrachloroethane	10.9		"	10.0		109	76-129		2.60	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.93		"	10.0		99.3	54-165		7.00	30	
1,1,2-Trichloroethane	9.80		"	10.0		98.0	82-123		5.13	30	
1,1-Dichloroethane	10.3		"	10.0		103	82-129		6.02	30	
1,1-Dichloroethylene	10.6		"	10.0		106	68-138		6.56	30	
1,2,3-Trichlorobenzene	7.64		"	10.0		76.4	76-136		2.97	30	
1,2,3-Trichloropropane	10.1		"	10.0		101	77-128		0.197	30	
1,2,4-Trichlorobenzene	7.89		"	10.0		78.9	76-137		5.43	30	
1,2,4-Trimethylbenzene	9.76		"	10.0		97.6	82-132		12.8	30	
1,2-Dibromo-3-chloropropane	7.83		"	10.0		78.3	45-147		1.77	30	
1,2-Dibromoethane	9.77		"	10.0		97.7	83-124		7.65	30	
1,2-Dichlorobenzene	9.48		"	10.0		94.8	79-123		5.24	30	
1,2-Dichloroethane	9.05		"	10.0		90.5	73-132		5.80	30	
1,2-Dichloropropane	10.1		"	10.0		101	78-126		3.78	30	
1,3,5-Trimethylbenzene	9.90		"	10.0		99.0	80-131		13.8	30	
1,3-Dichlorobenzene	9.19		"	10.0		91.9	86-122		9.53	30	
1,3-Dichloropropane	9.49		"	10.0		94.9	81-125		2.78	30	
1,4-Dichlorobenzene	9.05		"	10.0		90.5	85-124		9.87	30	
1,4-Dioxane	185		"	210		88.2	10-349		20.3	30	
2-Butanone	12.7		"	10.0		127	49-152		10.5	30	
2-Hexanone	9.75		"	10.0		97.5	51-146		18.5	30	
4-Methyl-2-pentanone	8.80		"	10.0		88.0	57-145		14.9	30	
Acetone	9.86		"	10.0		98.6	14-150		14.5	30	
Acrolein	6.77		"	10.0		67.7	10-153		21.8	30	
Acrylonitrile	10.9		"	10.0		109	51-150		15.7	30	
Benzene	11.2		"	10.0		112	85-126		5.96	30	
Bromochloromethane	10.2		"	10.0		102	77-128		2.79	30	
Bromodichloromethane	7.78		"	10.0		77.8	79-128	Low Bias	3.78	30	
Bromoform	7.06		"	10.0		70.6	78-133	Low Bias	8.57	30	
Bromomethane	9.59		"	10.0		95.9	43-168		8.96	30	
Carbon disulfide	11.3		"	10.0		113	68-146		7.59	30	
Carbon tetrachloride	7.88		"	10.0		78.8	77-141		9.09	30	
Chlorobenzene	9.66		"	10.0		96.6	88-120		4.26	30	
Chloroethane	9.54		"	10.0		95.4	65-136		9.30	30	
Chloroform	9.63		"	10.0		96.3	82-128		5.36	30	
Chloromethane	8.40		"	10.0		84.0	43-155		11.3	30	
cis-1,2-Dichloroethylene	10.2		"	10.0		102	83-129		5.72	30	
cis-1,3-Dichloropropylene	9.61		"	10.0		96.1	80-131		0.932	30	
Cyclohexane	4.48		"	10.0		44.8	63-149	Low Bias	3.94	30	
Dibromochloromethane	7.74		"	10.0		77.4	80-130	Low Bias	2.49	30	
Dibromomethane	8.85		"	10.0		88.5	72-134		4.27	30	
Dichlorodifluoromethane	8.80		"	10.0		88.0	44-144		11.0	30	
Ethyl Benzene	9.73		"	10.0		97.3	80-131		7.90	30	
Hexachlorobutadiene	6.57		"	10.0		65.7	67-146	Low Bias	3.73	30	
Isopropylbenzene	9.77		"	10.0		97.7	76-140		15.9	30	
Methyl acetate	10.3		"	10.0		103	51-139		16.8	30	
Methyl tert-butyl ether (MTBE)	10.7		"	10.0		107	76-135		12.9	30	
Methylcyclohexane	8.86		"	10.0		88.6	72-143		7.39	30	
Methylene chloride	9.94		"	10.0		99.4	55-137		2.48	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF41198 - EPA 5030B											
LCS (BF41198-BS1)						Prepared & Analyzed: 06/18/2024					
1,1,1,2-Tetrachloroethane	9.59		ug/L	10.0		95.9	82-126				
1,1,1-Trichloroethane	8.91		"	10.0		89.1	78-136				
1,1,2,2-Tetrachloroethane	11.5		"	10.0		115	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.96		"	10.0		89.6	54-165				
1,1,2-Trichloroethane	9.71		"	10.0		97.1	82-123				
1,1-Dichloroethane	9.32		"	10.0		93.2	82-129				
1,1-Dichloroethylene	9.85		"	10.0		98.5	68-138				
1,2,3-Trichlorobenzene	9.40		"	10.0		94.0	76-136				
1,2,3-Trichloropropane	11.9		"	10.0		119	77-128				
1,2,4-Trichlorobenzene	9.69		"	10.0		96.9	76-137				
1,2,4-Trimethylbenzene	11.9		"	10.0		119	82-132				
1,2-Dibromo-3-chloropropane	10.0		"	10.0		100	45-147				
1,2-Dibromoethane	9.96		"	10.0		99.6	83-124				
1,2-Dichlorobenzene	11.2		"	10.0		112	79-123				
1,2-Dichloroethane	8.74		"	10.0		87.4	73-132				
1,2-Dichloropropane	10.2		"	10.0		102	78-126				
1,3,5-Trimethylbenzene	12.2		"	10.0		122	80-131				
1,3-Dichlorobenzene	11.3		"	10.0		113	86-122				
1,3-Dichloropropane	9.49		"	10.0		94.9	81-125				
1,4-Dichlorobenzene	11.3		"	10.0		113	85-124				
1,4-Dioxane	195		"	210		92.9	10-349				
2-Butanone	11.0		"	10.0		110	49-152				
2-Hexanone	8.76		"	10.0		87.6	51-146				
4-Methyl-2-pentanone	8.02		"	10.0		80.2	57-145				
Acetone	8.53		"	10.0		85.3	14-150				
Acrolein	4.85		"	10.0		48.5	10-153				
Acrylonitrile	8.60		"	10.0		86.0	51-150				
Benzene	9.87		"	10.0		98.7	85-126				
Bromochloromethane	9.03		"	10.0		90.3	77-128				
Bromodichloromethane	9.26		"	10.0		92.6	79-128				
Bromoform	8.46		"	10.0		84.6	78-133				
Bromomethane	7.80		"	10.0		78.0	43-168				
Carbon disulfide	9.75		"	10.0		97.5	68-146				
Carbon tetrachloride	8.53		"	10.0		85.3	77-141				
Chlorobenzene	10.5		"	10.0		105	88-120				
Chloroethane	8.86		"	10.0		88.6	65-136				
Chloroform	9.25		"	10.0		92.5	82-128				
Chloromethane	7.34		"	10.0		73.4	43-155				
cis-1,2-Dichloroethylene	9.38		"	10.0		93.8	83-129				
cis-1,3-Dichloropropylene	9.95		"	10.0		99.5	80-131				
Cyclohexane	3.75		"	10.0		37.5	63-149	Low Bias			
Dibromochloromethane	9.08		"	10.0		90.8	80-130				
Dibromomethane	9.40		"	10.0		94.0	72-134				
Dichlorodifluoromethane	6.86		"	10.0		68.6	44-144				
Ethyl Benzene	10.5		"	10.0		105	80-131				
Hexachlorobutadiene	9.00		"	10.0		90.0	67-146				
Isopropylbenzene	12.0		"	10.0		120	76-140				
Methyl acetate	8.24		"	10.0		82.4	51-139				
Methyl tert-butyl ether (MTBE)	8.72		"	10.0		87.2	76-135				
Methylcyclohexane	8.94		"	10.0		89.4	72-143				
Methylene chloride	9.08		"	10.0		90.8	55-137				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BF41198 - EPA 5030B

LCS (BF41198-BS1)

Prepared & Analyzed: 06/18/2024

Naphthalene	9.53		ug/L	10.0		95.3	70-147				
n-Butylbenzene	10.4		"	10.0		104	79-132				
n-Propylbenzene	11.6		"	10.0		116	78-133				
o-Xylene	10.3		"	10.0		103	78-130				
p- & m- Xylenes	20.8		"	20.0		104	77-133				
p-Diethylbenzene	10.8		"	10.0		108	84-134				
p-Ethyltoluene	13.2		"	10.0		132	88-129	High Bias			
p-Isopropyltoluene	11.3		"	10.0		113	81-136				
sec-Butylbenzene	11.0		"	10.0		110	79-137				
Styrene	10.1		"	10.0		101	67-132				
tert-Butyl alcohol (TBA)	28.2		"	50.0		56.4	25-162				
tert-Butylbenzene	10.1		"	10.0		101	77-138				
Tetrachloroethylene	10.1		"	10.0		101	82-131				
Toluene	10.7		"	10.0		107	80-127				
trans-1,2-Dichloroethylene	9.43		"	10.0		94.3	80-132				
trans-1,3-Dichloropropylene	9.49		"	10.0		94.9	78-131				
Trichloroethylene	10.2		"	10.0		102	82-128				
Trichlorofluoromethane	9.55		"	10.0		95.5	67-139				
Vinyl Chloride	8.13		"	10.0		81.3	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	9.09		"	10.0		90.9	69-130				
Surrogate: SURR: Toluene-d8	10.5		"	10.0		105	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.7		"	10.0		107	79-122				

LCS Dup (BF41198-BS1)

Prepared & Analyzed: 06/18/2024

1,1,1,2-Tetrachloroethane	9.57		ug/L	10.0		95.7	82-126		0.209	30	
1,1,1-Trichloroethane	8.49		"	10.0		84.9	78-136		4.83	30	
1,1,2,2-Tetrachloroethane	11.7		"	10.0		117	76-129		1.98	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.54		"	10.0		85.4	54-165		4.80	30	
1,1,2-Trichloroethane	10.3		"	10.0		103	82-123		6.09	30	
1,1-Dichloroethane	9.00		"	10.0		90.0	82-129		3.49	30	
1,1-Dichloroethylene	9.24		"	10.0		92.4	68-138		6.39	30	
1,2,3-Trichlorobenzene	9.54		"	10.0		95.4	76-136		1.48	30	
1,2,3-Trichloropropane	11.6		"	10.0		116	77-128		2.37	30	
1,2,4-Trichlorobenzene	9.62		"	10.0		96.2	76-137		0.725	30	
1,2,4-Trimethylbenzene	10.8		"	10.0		108	82-132		9.62	30	
1,2-Dibromo-3-chloropropane	10.3		"	10.0		103	45-147		2.95	30	
1,2-Dibromochloroethane	10.6		"	10.0		106	83-124		5.75	30	
1,2-Dichlorobenzene	10.9		"	10.0		109	79-123		3.44	30	
1,2-Dichloroethane	8.94		"	10.0		89.4	73-132		2.26	30	
1,2-Dichloropropane	9.94		"	10.0		99.4	78-126		2.48	30	
1,3,5-Trimethylbenzene	11.1		"	10.0		111	80-131		9.29	30	
1,3-Dichlorobenzene	10.6		"	10.0		106	86-122		6.19	30	
1,3-Dichloropropane	10.2		"	10.0		102	81-125		7.31	30	
1,4-Dichlorobenzene	10.6		"	10.0		106	85-124		6.86	30	
1,4-Dioxane	212		"	210		101	10-349		8.14	30	
2-Butanone	11.4		"	10.0		114	49-152		4.11	30	
2-Hexanone	10.1		"	10.0		101	51-146		14.5	30	
4-Methyl-2-pentanone	9.31		"	10.0		93.1	57-145		14.9	30	
Acetone	9.57		"	10.0		95.7	14-150		11.5	30	
Acrolein	5.33		"	10.0		53.3	10-153		9.43	30	
Acrylonitrile	9.14		"	10.0		91.4	51-150		6.09	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF41198 - EPA 5030B											
LCS Dup (BF41198-BSD1)						Prepared & Analyzed: 06/18/2024					
Benzene	9.48		ug/L	10.0		94.8	85-126		4.03	30	
Bromochloromethane	9.00		"	10.0		90.0	77-128		0.333	30	
Bromodichloromethane	9.12		"	10.0		91.2	79-128		1.52	30	
Bromoform	9.00		"	10.0		90.0	78-133		6.19	30	
Bromomethane	7.73		"	10.0		77.3	43-168		0.901	30	
Carbon disulfide	9.32		"	10.0		93.2	68-146		4.51	30	
Carbon tetrachloride	8.12		"	10.0		81.2	77-141		4.92	30	
Chlorobenzene	10.3		"	10.0		103	88-120		2.03	30	
Chloroethane	8.50		"	10.0		85.0	65-136		4.15	30	
Chloroform	9.02		"	10.0		90.2	82-128		2.52	30	
Chloromethane	6.92		"	10.0		69.2	43-155		5.89	30	
cis-1,2-Dichloroethylene	9.02		"	10.0		90.2	83-129		3.91	30	
cis-1,3-Dichloropropylene	9.97		"	10.0		99.7	80-131		0.201	30	
Cyclohexane	3.53		"	10.0		35.3	63-149	Low Bias	6.04	30	
Dibromochloromethane	9.53		"	10.0		95.3	80-130		4.84	30	
Dibromomethane	9.75		"	10.0		97.5	72-134		3.66	30	
Dichlorodifluoromethane	6.39		"	10.0		63.9	44-144		7.09	30	
Ethyl Benzene	10.3		"	10.0		103	80-131		2.59	30	
Hexachlorobutadiene	8.72		"	10.0		87.2	67-146		3.16	30	
Isopropylbenzene	10.8		"	10.0		108	76-140		11.3	30	
Methyl acetate	8.97		"	10.0		89.7	51-139		8.48	30	
Methyl tert-butyl ether (MTBE)	9.52		"	10.0		95.2	76-135		8.77	30	
Methyleyclohexane	8.75		"	10.0		87.5	72-143		2.15	30	
Methylene chloride	8.80		"	10.0		88.0	55-137		3.13	30	
Naphthalene	9.92		"	10.0		99.2	70-147		4.01	30	
n-Butylbenzene	9.53		"	10.0		95.3	79-132		8.44	30	
n-Propylbenzene	10.4		"	10.0		104	78-133		10.4	30	
o-Xylene	10.1		"	10.0		101	78-130		2.16	30	
p- & m- Xylenes	20.4		"	20.0		102	77-133		2.28	30	
p-Diethylbenzene	9.91		"	10.0		99.1	84-134		8.59	30	
p-Ethyltoluene	11.9		"	10.0		119	88-129		10.1	30	
p-Isopropyltoluene	10.4		"	10.0		104	81-136		8.20	30	
sec-Butylbenzene	10.1		"	10.0		101	79-137		9.28	30	
Styrene	10.0		"	10.0		100	67-132		0.793	30	
tert-Butyl alcohol (TBA)	35.8		"	50.0		71.7	25-162		23.9	30	
tert-Butylbenzene	9.11		"	10.0		91.1	77-138		10.1	30	
Tetrachloroethylene	9.82		"	10.0		98.2	82-131		2.51	30	
Toluene	10.3		"	10.0		103	80-127		3.99	30	
trans-1,2-Dichloroethylene	8.97		"	10.0		89.7	80-132		5.00	30	
trans-1,3-Dichloropropylene	9.80		"	10.0		98.0	78-131		3.21	30	
Trichloroethylene	9.66		"	10.0		96.6	82-128		5.73	30	
Trichlorofluoromethane	8.93		"	10.0		89.3	67-139		6.71	30	
Vinyl Chloride	7.75		"	10.0		77.5	58-145		4.79	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	9.75		"	10.0		97.5	69-130				
Surrogate: SURR: Toluene-d8	10.6		"	10.0		106	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.5		"	10.0		105	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF41251 - EPA 5030B											
LCS (BF41251-BS1)						Prepared & Analyzed: 06/19/2024					
Acrylonitrile	8.49		ug/L	10.0		84.9	51-150				
Benzene	9.90		"	10.0		99.0	85-126				
Bromochloromethane	8.54		"	10.0		85.4	77-128				
Bromodichloromethane	8.49		"	10.0		84.9	79-128				
Bromoform	7.75		"	10.0		77.5	78-133	Low Bias			
Bromomethane	6.93		"	10.0		69.3	43-168				
Carbon disulfide	10.2		"	10.0		102	68-146				
Carbon tetrachloride	8.26		"	10.0		82.6	77-141				
Chlorobenzene	10.3		"	10.0		103	88-120				
Chloroethane	8.19		"	10.0		81.9	65-136				
Chloroform	8.74		"	10.0		87.4	82-128				
Chloromethane	6.54		"	10.0		65.4	43-155				
cis-1,2-Dichloroethylene	8.85		"	10.0		88.5	83-129				
cis-1,3-Dichloropropylene	9.58		"	10.0		95.8	80-131				
Cyclohexane	4.12		"	10.0		41.2	63-149	Low Bias			
Dibromochloromethane	8.52		"	10.0		85.2	80-130				
Dibromomethane	8.96		"	10.0		89.6	72-134				
Dichlorodifluoromethane	6.36		"	10.0		63.6	44-144				
Ethyl Benzene	10.5		"	10.0		105	80-131				
Hexachlorobutadiene	10.2		"	10.0		102	67-146				
Isopropylbenzene	11.6		"	10.0		116	76-140				
Methyl acetate	7.85		"	10.0		78.5	51-139				
Methyl tert-butyl ether (MTBE)	8.45		"	10.0		84.5	76-135				
Methyleyclohexane	10.3		"	10.0		103	72-143				
Methylene chloride	8.50		"	10.0		85.0	55-137				
Naphthalene	8.88		"	10.0		88.8	70-147				
n-Butylbenzene	10.3		"	10.0		103	79-132				
n-Propylbenzene	11.2		"	10.0		112	78-133				
o-Xylene	10.1		"	10.0		101	78-130				
p- & m- Xylenes	20.5		"	20.0		102	77-133				
p-Diethylbenzene	10.6		"	10.0		106	84-134				
p-Ethyltoluene	12.6		"	10.0		126	88-129				
p-Isopropyltoluene	11.2		"	10.0		112	81-136				
sec-Butylbenzene	11.1		"	10.0		111	79-137				
Styrene	10.1		"	10.0		101	67-132				
tert-Butyl alcohol (TBA)	26.5		"	50.0		52.9	25-162				
tert-Butylbenzene	9.77		"	10.0		97.7	77-138				
Tetrachloroethylene	10.4		"	10.0		104	82-131				
Toluene	10.7		"	10.0		107	80-127				
trans-1,2-Dichloroethylene	9.08		"	10.0		90.8	80-132				
trans-1,3-Dichloropropylene	9.08		"	10.0		90.8	78-131				
Trichloroethylene	10.1		"	10.0		101	82-128				
Trichlorofluoromethane	8.81		"	10.0		88.1	67-139				
Vinyl Chloride	7.83		"	10.0		78.3	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	8.34		"	10.0		83.4	69-130				
Surrogate: SURR: Toluene-d8	10.7		"	10.0		107	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.4		"	10.0		104	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF41251 - EPA 5030B											
LCS Dup (BF41251-BSD1)						Prepared & Analyzed: 06/19/2024					
1,1,1,2-Tetrachloroethane	8.84		ug/L	10.0		88.4	82-126		3.56	30	
1,1,1-Trichloroethane	8.26		"	10.0		82.6	78-136		2.86	30	
1,1,2,2-Tetrachloroethane	11.2		"	10.0		112	76-129		4.00	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.46		"	10.0		94.6	54-165		4.65	30	
1,1,2-Trichloroethane	9.91		"	10.0		99.1	82-123		1.73	30	
1,1-Dichloroethane	8.82		"	10.0		88.2	82-129		3.23	30	
1,1-Dichloroethylene	9.30		"	10.0		93.0	68-138		5.13	30	
1,2,3-Trichlorobenzene	9.09		"	10.0		90.9	76-136		1.78	30	
1,2,3-Trichloropropane	10.5		"	10.0		105	77-128		1.24	30	
1,2,4-Trichlorobenzene	9.29		"	10.0		92.9	76-137		1.92	30	
1,2,4-Trimethylbenzene	10.1		"	10.0		101	82-132		11.1	30	
1,2-Dibromo-3-chloropropane	8.81		"	10.0		88.1	45-147		3.94	30	
1,2-Dibromoethane	9.92		"	10.0		99.2	83-124		2.45	30	
1,2-Dichlorobenzene	10.3		"	10.0		103	79-123		3.17	30	
1,2-Dichloroethane	8.23		"	10.0		82.3	73-132		5.75	30	
1,2-Dichloropropane	9.29		"	10.0		92.9	78-126		9.24	30	
1,3,5-Trimethylbenzene	10.4		"	10.0		104	80-131		10.9	30	
1,3-Dichlorobenzene	10.0		"	10.0		100	86-122		8.94	30	
1,3-Dichloropropane	9.47		"	10.0		94.7	81-125		0.106	30	
1,4-Dichlorobenzene	9.93		"	10.0		99.3	85-124		8.49	30	
1,4-Dioxane	206		"	210		98.0	10-349		15.0	30	
2-Butanone	11.1		"	10.0		111	49-152		13.2	30	
2-Hexanone	9.40		"	10.0		94.0	51-146		12.4	30	
4-Methyl-2-pentanone	8.17		"	10.0		81.7	57-145		8.68	30	
Acetone	8.87		"	10.0		88.7	14-150		11.9	30	
Acrolein	5.45		"	10.0		54.5	10-153		6.83	30	
Acrylonitrile	9.49		"	10.0		94.9	51-150		11.1	30	
Benzene	9.64		"	10.0		96.4	85-126		2.66	30	
Bromochloromethane	8.74		"	10.0		87.4	77-128		2.31	30	
Bromodichloromethane	7.91		"	10.0		79.1	79-128		7.07	30	
Bromoform	8.12		"	10.0		81.2	78-133		4.66	30	
Bromomethane	6.73		"	10.0		67.3	43-168		2.93	30	
Carbon disulfide	9.59		"	10.0		95.9	68-146		6.36	30	
Carbon tetrachloride	7.94		"	10.0		79.4	77-141		3.95	30	
Chlorobenzene	9.66		"	10.0		96.6	88-120		6.80	30	
Chloroethane	7.78		"	10.0		77.8	65-136		5.13	30	
Chloroform	8.56		"	10.0		85.6	82-128		2.08	30	
Chloromethane	6.26		"	10.0		62.6	43-155		4.37	30	
cis-1,2-Dichloroethylene	8.69		"	10.0		86.9	83-129		1.82	30	
cis-1,3-Dichloropropylene	9.04		"	10.0		90.4	80-131		5.80	30	
Cyclohexane	3.98		"	10.0		39.8	63-149	Low Bias	3.46	30	
Dibromochloromethane	8.41		"	10.0		84.1	80-130		1.30	30	
Dibromomethane	8.70		"	10.0		87.0	72-134		2.94	30	
Dichlorodifluoromethane	6.08		"	10.0		60.8	44-144		4.50	30	
Ethyl Benzene	9.71		"	10.0		97.1	80-131		7.63	30	
Hexachlorobutadiene	9.15		"	10.0		91.5	67-146		10.4	30	
Isopropylbenzene	10.1		"	10.0		101	76-140		13.3	30	
Methyl acetate	8.55		"	10.0		85.5	51-139		8.54	30	
Methyl tert-butyl ether (MTBE)	9.33		"	10.0		93.3	76-135		9.90	30	
Methyleyclohexane	9.21		"	10.0		92.1	72-143		11.2	30	
Methylene chloride	8.47		"	10.0		84.7	55-137		0.354	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BF41252 - EPA 5030B

LCS (BF41252-BS1)

Prepared & Analyzed: 06/20/2024

1,1,1,2-Tetrachloroethane	9.01		ug/L	10.0		90.1	82-126				
1,1,1-Trichloroethane	8.80		"	10.0		88.0	78-136				
1,1,2,2-Tetrachloroethane	10.2		"	10.0		102	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.60		"	10.0		96.0	54-165				
1,1,2-Trichloroethane	9.48		"	10.0		94.8	82-123				
1,1-Dichloroethane	8.80		"	10.0		88.0	82-129				
1,1-Dichloroethylene	9.54		"	10.0		95.4	68-138				
1,2,3-Trichlorobenzene	8.57		"	10.0		85.7	76-136				
1,2,3-Trichloropropane	10.1		"	10.0		101	77-128				
1,2,4-Trichlorobenzene	9.29		"	10.0		92.9	76-137				
1,2,4-Trimethylbenzene	10.7		"	10.0		107	82-132				
1,2-Dibromo-3-chloropropane	8.58		"	10.0		85.8	45-147				
1,2-Dibromoethane	9.42		"	10.0		94.2	83-124				
1,2-Dichlorobenzene	10.4		"	10.0		104	79-123				
1,2-Dichloroethane	7.94		"	10.0		79.4	73-132				
1,2-Dichloropropane	9.67		"	10.0		96.7	78-126				
1,3,5-Trimethylbenzene	11.2		"	10.0		112	80-131				
1,3-Dichlorobenzene	10.6		"	10.0		106	86-122				
1,3-Dichloropropane	9.14		"	10.0		91.4	81-125				
1,4-Dichlorobenzene	10.5		"	10.0		105	85-124				
1,4-Dioxane	143		"	210		68.1	10-349				
2-Butanone	8.03		"	10.0		80.3	49-152				
2-Hexanone	8.26		"	10.0		82.6	51-146				
4-Methyl-2-pentanone	7.34		"	10.0		73.4	57-145				
Acetone	7.38		"	10.0		73.8	14-150				
Acrolein	4.29		"	10.0		42.9	10-153				
Acrylonitrile	7.98		"	10.0		79.8	51-150				
Benzene	9.68		"	10.0		96.8	85-126				
Bromochloromethane	8.36		"	10.0		83.6	77-128				
Bromodichloromethane	8.40		"	10.0		84.0	79-128				
Bromoform	7.90		"	10.0		79.0	78-133				
Bromomethane	6.97		"	10.0		69.7	43-168				
Carbon disulfide	9.65		"	10.0		96.5	68-146				
Carbon tetrachloride	8.49		"	10.0		84.9	77-141				
Chlorobenzene	10.0		"	10.0		100	88-120				
Chloroethane	7.96		"	10.0		79.6	65-136				
Chloroform	8.84		"	10.0		88.4	82-128				
Chloromethane	6.24		"	10.0		62.4	43-155				
cis-1,2-Dichloroethylene	8.97		"	10.0		89.7	83-129				
cis-1,3-Dichloropropylene	9.41		"	10.0		94.1	80-131				
Cyclohexane	4.12		"	10.0		41.2	63-149	Low Bias			
Dibromochloromethane	8.60		"	10.0		86.0	80-130				
Dibromomethane	8.56		"	10.0		85.6	72-134				
Dichlorodifluoromethane	5.29		"	10.0		52.9	44-144				
Ethyl Benzene	10.2		"	10.0		102	80-131				
Hexachlorobutadiene	9.66		"	10.0		96.6	67-146				
Isopropylbenzene	11.0		"	10.0		110	76-140				
Methyl acetate	7.79		"	10.0		77.9	51-139				
Methyl tert-butyl ether (MTBE)	8.28		"	10.0		82.8	76-135				
Methylcyclohexane	9.89		"	10.0		98.9	72-143				
Methylene chloride	8.34		"	10.0		83.4	55-137				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BF41252 - EPA 5030B

LCS (BF41252-BS1)

Prepared & Analyzed: 06/20/2024

Naphthalene	8.79		ug/L	10.0		87.9	70-147				
n-Butylbenzene	10.0		"	10.0		100	79-132				
n-Propylbenzene	10.7		"	10.0		107	78-133				
o-Xylene	9.79		"	10.0		97.9	78-130				
p- & m- Xylenes	20.0		"	20.0		100	77-133				
p-Diethylbenzene	10.2		"	10.0		102	84-134				
p-Ethyltoluene	12.1		"	10.0		121	88-129				
p-Isopropyltoluene	10.7		"	10.0		107	81-136				
sec-Butylbenzene	10.6		"	10.0		106	79-137				
Styrene	9.81		"	10.0		98.1	67-132				
tert-Butyl alcohol (TBA)	32.6		"	50.0		65.3	25-162				
tert-Butylbenzene	9.34		"	10.0		93.4	77-138				
Tetrachloroethylene	10.3		"	10.0		103	82-131				
Toluene	10.3		"	10.0		103	80-127				
trans-1,2-Dichloroethylene	8.88		"	10.0		88.8	80-132				
trans-1,3-Dichloropropylene	8.72		"	10.0		87.2	78-131				
Trichloroethylene	9.74		"	10.0		97.4	82-128				
Trichlorofluoromethane	8.76		"	10.0		87.6	67-139				
Vinyl Chloride	7.36		"	10.0		73.6	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	8.84		"	10.0		88.4	69-130				
Surrogate: SURR: Toluene-d8	10.5		"	10.0		105	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.3		"	10.0		103	79-122				

LCS Dup (BF41252-BS1)

Prepared & Analyzed: 06/20/2024

1,1,1,2-Tetrachloroethane	8.98		ug/L	10.0		89.8	82-126		0.334	30	
1,1,1-Trichloroethane	8.45		"	10.0		84.5	78-136		4.06	30	
1,1,2,2-Tetrachloroethane	10.8		"	10.0		108	76-129		5.32	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.45		"	10.0		94.5	54-165		1.57	30	
1,1,2-Trichloroethane	9.87		"	10.0		98.7	82-123		4.03	30	
1,1-Dichloroethane	8.75		"	10.0		87.5	82-129		0.570	30	
1,1-Dichloroethylene	9.37		"	10.0		93.7	68-138		1.80	30	
1,2,3-Trichlorobenzene	8.76		"	10.0		87.6	76-136		2.19	30	
1,2,3-Trichloropropane	10.5		"	10.0		105	77-128		4.17	30	
1,2,4-Trichlorobenzene	9.02		"	10.0		90.2	76-137		2.95	30	
1,2,4-Trimethylbenzene	10.0		"	10.0		100	82-132		6.27	30	
1,2-Dibromo-3-chloropropane	9.22		"	10.0		92.2	45-147		7.19	30	
1,2-Dibromoethane	10.2		"	10.0		102	83-124		7.56	30	
1,2-Dichlorobenzene	9.99		"	10.0		99.9	79-123		4.41	30	
1,2-Dichloroethane	8.50		"	10.0		85.0	73-132		6.81	30	
1,2-Dichloropropane	9.59		"	10.0		95.9	78-126		0.831	30	
1,3,5-Trimethylbenzene	10.3		"	10.0		103	80-131		7.81	30	
1,3-Dichlorobenzene	9.94		"	10.0		99.4	86-122		6.90	30	
1,3-Dichloropropane	9.78		"	10.0		97.8	81-125		6.77	30	
1,4-Dichlorobenzene	9.81		"	10.0		98.1	85-124		6.79	30	
1,4-Dioxane	212		"	210		101	10-349		38.6	30	Non-dir
2-Butanone	8.99		"	10.0		89.9	49-152		11.3	30	
2-Hexanone	9.45		"	10.0		94.5	51-146		13.4	30	
4-Methyl-2-pentanone	8.40		"	10.0		84.0	57-145		13.5	30	
Acetone	9.44		"	10.0		94.4	14-150		24.5	30	
Acrolein	4.61		"	10.0		46.1	10-153		7.19	30	
Acrylonitrile	9.07		"	10.0		90.7	51-150		12.8	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF41252 - EPA 5030B											
LCS Dup (BF41252-BSD1)						Prepared & Analyzed: 06/20/2024					
Benzene	9.55		ug/L	10.0		95.5	85-126		1.35	30	
Bromochloromethane	8.69		"	10.0		86.9	77-128		3.87	30	
Bromodichloromethane	8.43		"	10.0		84.3	79-128		0.357	30	
Bromoform	8.55		"	10.0		85.5	78-133		7.90	30	
Bromomethane	6.93		"	10.0		69.3	43-168		0.576	30	
Carbon disulfide	9.52		"	10.0		95.2	68-146		1.36	30	
Carbon tetrachloride	8.35		"	10.0		83.5	77-141		1.66	30	
Chlorobenzene	9.78		"	10.0		97.8	88-120		2.52	30	
Chloroethane	7.79		"	10.0		77.9	65-136		2.16	30	
Chloroform	8.68		"	10.0		86.8	82-128		1.83	30	
Chloromethane	6.14		"	10.0		61.4	43-155		1.62	30	
cis-1,2-Dichloroethylene	8.71		"	10.0		87.1	83-129		2.94	30	
cis-1,3-Dichloropropylene	9.36		"	10.0		93.6	80-131		0.533	30	
Cyclohexane	3.97		"	10.0		39.7	63-149	Low Bias	3.71	30	
Dibromochloromethane	8.90		"	10.0		89.0	80-130		3.43	30	
Dibromomethane	9.27		"	10.0		92.7	72-134		7.96	30	
Dichlorodifluoromethane	5.29		"	10.0		52.9	44-144		0.00	30	
Ethyl Benzene	9.80		"	10.0		98.0	80-131		3.61	30	
Hexachlorobutadiene	8.85		"	10.0		88.5	67-146		8.75	30	
Isopropylbenzene	10.1		"	10.0		101	76-140		8.65	30	
Methyl acetate	8.86		"	10.0		88.6	51-139		12.9	30	
Methyl tert-butyl ether (MTBE)	9.27		"	10.0		92.7	76-135		11.3	30	
Methyleyclohexane	9.54		"	10.0		95.4	72-143		3.60	30	
Methylene chloride	8.44		"	10.0		84.4	55-137		1.19	30	
Naphthalene	9.01		"	10.0		90.1	70-147		2.47	30	
n-Butylbenzene	9.35		"	10.0		93.5	79-132		7.12	30	
n-Propylbenzene	9.83		"	10.0		98.3	78-133		8.57	30	
o-Xylene	9.46		"	10.0		94.6	78-130		3.43	30	
p- & m- Xylenes	19.1		"	20.0		95.5	77-133		4.60	30	
p-Diethylbenzene	9.55		"	10.0		95.5	84-134		6.68	30	
p-Ethyltoluene	11.2		"	10.0		112	88-129		7.38	30	
p-Isopropyltoluene	10.0		"	10.0		100	81-136		6.09	30	
sec-Butylbenzene	9.89		"	10.0		98.9	79-137		7.31	30	
Styrene	9.62		"	10.0		96.2	67-132		1.96	30	
tert-Butyl alcohol (TBA)	41.8		"	50.0		83.6	25-162		24.7	30	
tert-Butylbenzene	8.75		"	10.0		87.5	77-138		6.52	30	
Tetrachloroethylene	9.77		"	10.0		97.7	82-131		5.09	30	
Toluene	9.88		"	10.0		98.8	80-127		4.07	30	
trans-1,2-Dichloroethylene	8.76		"	10.0		87.6	80-132		1.36	30	
trans-1,3-Dichloropropylene	9.17		"	10.0		91.7	78-131		5.03	30	
Trichloroethylene	9.26		"	10.0		92.6	82-128		5.05	30	
Trichlorofluoromethane	8.65		"	10.0		86.5	67-139		1.26	30	
Vinyl Chloride	7.19		"	10.0		71.9	58-145		2.34	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	9.32		"	10.0		93.2	69-130				
Surrogate: SURR: Toluene-d8	10.3		"	10.0		103	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.93		"	10.0		99.3	79-122				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BF40846 - EPA 3510C

Blank (BF40846-BLK2)

Prepared & Analyzed: 06/13/2024

Acenaphthene	ND	0.0500	ug/L
Acenaphthylene	ND	0.0500	"
Anthracene	ND	0.0500	"
Atrazine	ND	0.500	"
Benzo(a)anthracene	ND	0.0500	"
Benzo(a)pyrene	ND	0.0500	"
Benzo(b)fluoranthene	ND	0.0500	"
Benzo(g,h,i)perylene	ND	0.0500	"
Benzo(k)fluoranthene	ND	0.0500	"
Bis(2-ethylhexyl)phthalate	ND	0.500	"
Chrysene	ND	0.0500	"
Dibenzo(a,h)anthracene	ND	0.0500	"
Fluoranthene	ND	0.0500	"
Fluorene	ND	0.0500	"
Hexachlorobenzene	ND	0.0200	"
Hexachlorobutadiene	ND	0.500	"
Hexachloroethane	ND	0.500	"
Indeno(1,2,3-cd)pyrene	ND	0.0500	"
Naphthalene	ND	0.0500	"
Nitrobenzene	ND	0.250	"
N-Nitrosodimethylamine	ND	0.500	"
Pentachlorophenol	ND	0.250	"
Phenanthrene	ND	0.0500	"
Pyrene	ND	0.0500	"

LCS (BF40846-BS1)

Prepared & Analyzed: 06/13/2024

1,1-Biphenyl	20.1	5.00	ug/L	25.0	80.5	33-95
1,2,4,5-Tetrachlorobenzene	20.9	5.00	"	25.0	83.6	26-120
1,2,4-Trichlorobenzene	21.2	5.00	"	25.0	84.7	20-118
1,2-Dichlorobenzene	18.5	5.00	"	25.0	73.9	29-111
1,2-Diphenylhydrazine (as Azobenzene)	21.5	5.00	"	25.0	85.9	16-141
1,3-Dichlorobenzene	18.2	5.00	"	25.0	72.7	23-117
1,4-Dichlorobenzene	18.4	5.00	"	25.0	73.4	30-105
2,3,4,6-Tetrachlorophenol	31.9	5.00	"	25.0	128	30-130
2,4,5-Trichlorophenol	26.7	5.00	"	25.0	107	32-114
2,4,6-Trichlorophenol	28.2	5.00	"	25.0	113	35-118
2,4-Dichlorophenol	25.3	5.00	"	25.0	101	25-116
2,4-Dimethylphenol	17.4	5.00	"	25.0	69.6	15-116
2,4-Dinitrophenol	25.5	5.00	"	25.0	102	10-170
2,4-Dinitrotoluene	27.9	5.00	"	25.0	111	41-128
2,6-Dinitrotoluene	26.2	5.00	"	25.0	105	45-116
2-Chloronaphthalene	19.9	5.00	"	25.0	79.5	33-112
2-Chlorophenol	20.4	5.00	"	25.0	81.6	15-120
2-Methylnaphthalene	21.6	5.00	"	25.0	86.4	24-118
2-Methylphenol	9.11	5.00	"	25.0	36.4	10-110
2-Nitroaniline	26.5	5.00	"	25.0	106	34-129
2-Nitrophenol	30.7	5.00	"	25.0	123	28-118
3- & 4-Methylphenols	14.0	5.00	"	25.0	56.0	10-107
3,3-Dichlorobenzidine	20.0	5.00	"	25.0	79.9	15-187
3-Nitroaniline	20.7	5.00	"	25.0	82.9	24-134
4,6-Dinitro-2-methylphenol	27.4	5.00	"	25.0	110	10-153

High Bias

col



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF40846 - EPA 3510C											
LCS (BF40846-BS1)						Prepared & Analyzed: 06/13/2024					
4-Bromophenyl phenyl ether	21.1	5.00	ug/L	25.0		84.5	34-120				
4-Chloro-3-methylphenol	25.0	5.00	"	25.0		99.8	20-120				
4-Chloroaniline	14.0	5.00	"	25.0		56.0	10-147				
4-Chlorophenyl phenyl ether	20.8	5.00	"	25.0		83.0	27-121				
4-Nitroaniline	23.0	5.00	"	25.0		91.9	13-134				
4-Nitrophenol	13.9	5.00	"	25.0		55.4	10-131				
Acenaphthene	19.9	0.0500	"	25.0		79.6	25-116				
Acenaphthylene	18.3	0.0500	"	25.0		73.2	26-116				
Acetophenone	21.3	5.00	"	25.0		85.0	25-110				
Aniline	23.0	5.00	"	25.0		92.2	10-117				
Anthracene	20.4	0.0500	"	25.0		81.5	25-123				
Benzaldehyde	20.4	5.00	"	25.0		81.6	29-117				
Benzo(a)anthracene	22.1	0.0500	"	25.0		88.6	33-125				
Benzo(a)pyrene	19.5	0.0500	"	25.0		78.1	32-132				
Benzo(b)fluoranthene	20.2	0.0500	"	25.0		80.8	22-137				
Benzo(g,h,i)perylene	26.8	0.0500	"	25.0		107	10-138				
Benzo(k)fluoranthene	20.2	0.0500	"	25.0		80.8	20-137				
Benzoic acid	12.2	5.00	"	25.0		48.6	30-130				
Benzyl alcohol	14.4	5.00	"	25.0		57.4	10-117				
Benzyl butyl phthalate	23.2	5.00	"	25.0		92.7	29-133				
Bis(2-chloroethoxy)methane	22.3	5.00	"	25.0		89.1	10-154				
Bis(2-chloroethyl)ether	22.0	5.00	"	25.0		88.2	17-125				
Bis(2-chloroisopropyl)ether	20.4	5.00	"	25.0		81.6	10-139				
Bis(2-ethylhexyl)phthalate	22.8	0.500	"	25.0		91.3	10-189				
Caprolactam	3.92	5.00	"	25.0		15.7	10-137				
Carbazole	21.0	5.00	"	25.0		84.1	42-126				
Chrysene	21.7	0.0500	"	25.0		86.6	32-124				
Dibenzo(a,h)anthracene	21.9	0.0500	"	25.0		87.4	16-133				
Dibenzofuran	20.7	5.00	"	25.0		82.8	36-113				
Diethyl phthalate	20.3	5.00	"	25.0		81.2	38-115				
Dimethyl phthalate	20.3	5.00	"	25.0		81.1	38-129				
Di-n-butyl phthalate	21.2	5.00	"	25.0		84.6	31-120				
Di-n-octyl phthalate	22.8	5.00	"	25.0		91.2	21-149				
Fluoranthene	21.2	0.0500	"	25.0		84.7	32-121				
Fluorene	20.3	0.0500	"	25.0		81.2	28-118				
Hexachlorobenzene	19.6	0.0200	"	25.0		78.4	23-124				
Hexachlorobutadiene	21.2	0.500	"	25.0		84.7	15-123				
Hexachlorocyclopentadiene	7.42	10.0	"	25.0		29.7	10-130				
Hexachloroethane	17.9	0.500	"	25.0		71.6	18-115				
Indeno(1,2,3-cd)pyrene	22.3	0.0500	"	25.0		89.2	15-135				
Isophorone	23.3	5.00	"	25.0		93.3	25-127				
Naphthalene	20.8	0.0500	"	25.0		83.2	18-120				
Nitrobenzene	23.3	0.250	"	25.0		93.3	21-121				
N-Nitrosodimethylamine	8.83	0.500	"	25.0		35.3	10-124				
N-nitroso-di-n-propylamine	20.5	5.00	"	25.0		82.1	26-122				
N-Nitrosodiphenylamine	24.7	5.00	"	25.0		98.8	23-149				
Pentachlorophenol	50.9	0.250	"	25.0		203	10-156	High Bias			
Phenanthrene	20.6	0.0500	"	25.0		82.5	24-127				
Phenol	7.47	5.00	"	25.0		29.9	10-110				
Pyrene	22.5	0.0500	"	25.0		90.0	31-132				
Pyridine	3.21	5.00	"	35.0		9.17	10-90	Low Bias			



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BF40846 - EPA 3510C

LCS (BF40846-BS1)

Prepared & Analyzed: 06/13/2024

Surrogate: SURR: 2-Fluorophenol	22.6		ug/L	50.0		45.2	19.7-63.1				
Surrogate: SURR: Phenol-d6	13.1		"	50.0		26.2	10.1-41.7				
Surrogate: SURR: Nitrobenzene-d5	24.2		"	25.0		96.6	50.2-113				
Surrogate: SURR: 2-Fluorobiphenyl	20.2		"	25.0		80.8	39.9-105				
Surrogate: SURR: 2,4,6-Tribromophenol	66.4		"	50.0		133	39.3-151				
Surrogate: SURR: Terphenyl-d14	24.6		"	25.0		98.4	30.7-106				

LCS (BF40846-BS2)

Prepared & Analyzed: 06/13/2024

Acenaphthene	0.560	0.0500	ug/L	1.00		56.0	25-116				
Acenaphthylene	0.720	0.0500	"	1.00		72.0	26-116				
Anthracene	0.390	0.0500	"	1.00		39.0	25-123				
Benzo(a)anthracene	0.710	0.0500	"	1.00		71.0	33-125				
Benzo(a)pyrene	0.650	0.0500	"	1.00		65.0	32-132				
Benzo(b)fluoranthene	0.890	0.0500	"	1.00		89.0	22-137				
Benzo(g,h,i)perylene	0.660	0.0500	"	1.00		66.0	10-138				
Benzo(k)fluoranthene	0.840	0.0500	"	1.00		84.0	20-137				
Bis(2-ethylhexyl)phthalate	1.68	0.500	"	1.00		168	10-189				
Chrysene	0.600	0.0500	"	1.00		60.0	32-124				
Dibenzo(a,h)anthracene	0.760	0.0500	"	1.00		76.0	16-133				
Fluoranthene	0.800	0.0500	"	1.00		80.0	32-121				
Fluorene	0.690	0.0500	"	1.00		69.0	28-118				
Hexachlorobenzene	0.860	0.0200	"	1.00		86.0	23-124				
Hexachlorobutadiene	0.620	0.500	"	1.00		62.0	15-123				
Hexachloroethane	2.49	0.500	"	1.00		249	18-115	High Bias			
Indeno(1,2,3-cd)pyrene	0.710	0.0500	"	1.00		71.0	15-135				
Naphthalene	0.590	0.0500	"	1.00		59.0	18-120				
Nitrobenzene	0.540	0.250	"	1.00		54.0	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	0.550	0.250	"	1.00		55.0	10-156				
Phenanthrene	0.630	0.0500	"	1.00		63.0	24-127				
Pyrene	0.630	0.0500	"	1.00		63.0	31-132				

FORMER ELKA CHEMICAL COMPANY SITE, NYSDEC #152239
340 WEST HOFFMAN AVENUE, LINDENHURST, NY
DATA USABILITY SUMMARY REPORT
June 16, 2024 Groundwater Sampling (SDG 2-2024)
Lab Report #24F1201

This data usability summary report (DUSR) was prepared in accordance with Appendix 2B of New York State Department of Environmental Conservation (NYSDEC) DER-10 using the entire original laboratory report, including the sample data summary report and the extended data package. The sampling event included six primary environmental groundwater samples and associated quality assurance/quality control (QA/QC) samples (one sample delivery group, or SDG) collected on June 16, 2024. The groundwater sample locations are identified as GW-2, GW-5S, GW-7 (7-12'), GW-7 (15-20'), GW-5A, and GW-12 (20-25') with one sample collected at each location.

Sample Collection and Receipt

The samples were collected in labeled laboratory-provided sample containers. No issues with sample containers, labeling, or preservation were reported by the laboratory.

Sampling procedures, including collection of field QA/QC samples, were reported to have been in accordance with the procedures in the Quality Assurance Project Plan (QAPP) for this project, which was reported to have been approved by the NYSDEC. Any exceptions are noted below. All sample collection was conducted under Chain of Custody (COC) procedures. It was noted that the GW-12 (20-25') sample was not included on the field COC but was included in the lab report. It is assumed that this sample was inadvertently omitted from the COC.

An equipment blank (EB2) sample was collected and tested to evaluate the potential for cross-contamination from field sampling procedures. A trip blank (TB1) sample was collected to evaluate the potential for sample cross-contamination. A duplicate (GW-5A) of the GW5S sample was collected to evaluate the precision of the analytical results. An extra volume of the GW-5S sample was also provided for a site-specific matrix spike/matrix spike duplicate (MS/MSD) QA/QC sample.

It should be noted that a second equipment blank (EB3) sample was also collected and tested for additional analytes for which the other samples in this SDG were not tested. Based on the information on the COC, this sample was collected on the following day (June 17, 2024) and it appears that it was intended to be included with the SDG collected on that day. As the June 17, 2024 samples were soil and presumably collected using different decontaminated sampling equipment, the results from the EB3 sample are not applicable to this SDG and were not reviewed during this data usability assessment. The results from the EB3 sample were considered during preparation of the DUSR for the June 17, 2024 soil SDG (not this report).

Sample Analyses

The samples were transmitted to and analyzed by York Analytical Laboratories, Inc. at their Stratford, Connecticut facility, which is New York State Department of Health-certified for the analyses performed. The samples pertinent to this SDG were prepared and analyzed for the NYSDEC Part 375 list of volatile organic compounds (VOCs) using Methods 5030B/8260D. The analytical methods and analytes are appropriate for the intended use of the data and the sample holding times were met.

QA/QC Results

Surrogate recoveries for VOCs in each of the samples were within acceptance limits, indicating

that the data are anticipated to be accurate.

Trip blank samples consist of laboratory-provided samples of analyte-free water that travel in the coolers with the collected field samples and are used to verify that cross-contamination did not occur between samples in the field and/or laboratory. One trip blank sample, TB-1, was collected and tested with this SDG. No VOCs were detected in the TB-1 sample except for a low estimated concentration of acetone, a common laboratory contaminant. Acetone was not detected in any of the primary environmental samples and, therefore, it is unlikely that VOC cross-contamination occurred between samples in the field or laboratory.

Equipment (field) blank samples are used to verify that cross-contamination between the sampling equipment and/or samples did not occur in the field. Field blank sample EB-2 was collected on June 16, 2024 and tested for VOCs. Three VOCs, including bromodichloromethane, chloroform, and naphthalene were detected in the equipment blank sample. Of note, two of these VOCs were also detected in the EB3 sample, suggesting that these VOCs may have been present in the water used to prepare these samples. The project manager expressed concerns about the collection of these samples, including whether laboratory-provided analyte-free water had been used in its preparation. We note that the TB sample did not contain detectable VOCs or indicate the potential for VOC cross-contamination between samples. Based on these results, and considering the other QA/QC results, while it is possible that cross-contamination from the sampling equipment may have occurred, it is also possible that the EB2 sample was not prepared properly. Data quality assessment considered the other QA/QC results for this SDG.

A blind duplicate sample was collected and utilized to evaluate the precision of the laboratory analyses. Sample GW-5A is a duplicate of GW-5S. The results from the duplicate sample and the associated parent sample are nearly identical in terms of both the constituents detected and their concentrations. Based on these results, the laboratory results are likely to be reasonably precise.

MS/MSD samples were prepared to evaluate the effect of the matrix on the reliability of the analytical results. Spiking occurs in the laboratory prior to sample preparation and analysis. A site-specific MS/MSD sample was collected using material from the GW-5S sample and was tested by the lab in association with the groundwater samples, which were analyzed in several batches. Please note that the MS/MSD results for SVOC analyses are not applicable to this SDG and were not considered during this data usability assessment. Based on information provided by the analytical laboratory, the MS/MSD results for VOCs were all within QC limits except as follows:

- The percent recovery (%R) was above the control limit for several VOCs in the MS for batch BF41450. The MSD %Rs were also above the control limits for most of the same VOCs. The associated LCS and LCSD %Rs generally met criteria for the affected VOCs; therefore, no corrective action was necessary.

Based on these results, matrix-related effects have not significantly affected the analytical results.

Method blank (MB) samples were analyzed by the laboratory to evaluate the potential for cross-contamination associated with the sample preparation and analysis. The MB results did not show concentrations of VOC analytes above their method detection limits and/or the reporting limits in any of the MB samples. Based on these results, cross-contamination associated with sample preparation and analysis does not appear to present a significant concern.

LCSs were used by the laboratory to verify the accuracy of the analyses. The LCS results were all within established guidelines, with the following exceptions:

- The %R was below the lower control limit for cyclohexane in the LCS for batch BF41252. The LCSD %R was also below the control limit for cyclohexane. The relative percent

difference (RPD) for 1,4-dioxane also exceeded its limit. The results for cyclohexane in the associated groundwater samples are flagged (QL-02) to indicate that the reference laboratory method has certain limitations with these particular analytes.

- The %R was below the lower control limit for cyclohexane in the LCS for batch BF41450. The LCSD %R was also below the control limit for cyclohexane and tert-butylbenzene. The results for cyclohexane and tert-butylbenzene in the associated groundwater samples are flagged (QL-02) to indicate that the reference laboratory method has certain limitations with these particular analytes.
- The %R was below the lower control limit for cyclohexane and above the upper control limit for carbon disulfide and dichlorodifluoromethane in the LCS for batch BF41560. The LCSD %Rs were also below the control limit for cyclohexane and above the limit for dichlorodifluoromethane. The RPD for 2-butanone also exceeded its limit. The results for cyclohexane in the associated groundwater samples are flagged (QL-02) to indicate that the reference laboratory method has certain limitations with these particular analytes.

Based on these results, the data do not appear to have been significantly affected by laboratory-related accuracy issues.

The laboratory performed initial calibration verifications (ICVs) and continuing calibration verifications (CCVs) for each sample run to verify that the analytical results for each VOC were within specified tolerances. In some instances analyte behavior was not typical; in these cases the reported value was appropriately qualified to indicate that it was estimated due to its behavior.

Questions and Responses as per DER-10

1. Is the data package complete as defined under the current requirements for the NYSDEC ASP Category B deliverables?

The data package is complete. The chain of custody form is present and complete. The case narrative and sample analysis summaries are present and complete. The analytical QA/QC summary information, including surrogate recoveries, LCS data, MS/MSD data, and MB data are all present and complete.

2. Have all holding times been met?

All samples were received and analyzed within the EPA-recommended holding times for the analyses performed.

3. Do all the QC data: blanks, instrument tunings, calibration standards, calibration verifications, surrogate recoveries, spike recoveries, replicate analyses, laboratory controls and sample data, fall within the protocol-required limits and specifications?

No – Although the majority of QC data were found to fall within the protocol-required limits and specifications, minor exceptions were noted above; however, these exceptions do not appear to significantly affect the data set.

4. Have all of the data been generated using established and agreed-upon analytical protocols?

Yes - all of the applicable data were generated using VOC Methods 5030B/8260D for groundwater.

5. Does an evaluation of the raw data confirm the results provided in the data summary sheets and quality control verification forms?

Yes – a representative number of data summary sheets were compared with the reported quality control data results to confirm that the reported analytical results (identification,

quantification, and qualification) are substantiated.

6. Have the correct data qualifiers been used?

Yes – results analyzed for but not detected have been noted as ND, and results were J-qualified if detected between the Reporting Limit and the Method Detection Limit. No other qualifiers were indicated, although laboratory-specific qualifiers have been applied where appropriate.

7. Have any quality control (QC) exceedances been specifically noted in the DUSR and have the corresponding QC summary sheets from the data package been attached to the DUSR?

Yes – exceedances have been noted in the DUSR and the corresponding QC summary sheets are attached.

Conclusions

The groundwater samples were reported to have been collected in accordance with the NYSDEC-approved QAPP for this project. No field or laboratory conditions occurred that would result in non-valid analytical data other than as noted above. The data appear to be adequate for their intended purpose.

Attachments

S:\Dermody Consulting-Elka Chemical\Dusrs 2024\DUSR2\DUSR-SDG2-2024.Docx

Table 1
Volatile Organic Compounds in Groundwater (in ug/kg)
Former Elka Chemical Site No. 152239
Sample Date: June 16, 2024

Add to Table.
 7
 17
 EB-2

Analyte	GW-2	GW-5S	GW-5A (Dup. of GW-5S)	GW-7 (7-12')	GW-7 (15-20')	GW-12 (20-25')	NYSDEC Ambient Water Quality Standards
Tetrachloroethylene	0.490 J	ND	ND	ND	ND	ND	ND ND 5
1,2,4-Trimethylbenzene	ND	0.310 J	0.430 J	0.400 J	36.8	ND	5
Chlorobenzene	ND	0.340 J	0.380 J	2.57	ND	0.460 J	5
Ethyl benzene	ND	0.630	0.650	0.920	0.710	ND	5
Isopropylbenzene	ND	2.08	2.89	147	64.8	0.440 J	5
Naphthalene	ND	0.520 J	2.37	4.07	31.8	ND	0.3505 10
n-Propylbenzene	0.410 J	2.15	3.63	240	122	1.16	ND 5
p&m Xylenes	ND	2.15	2.67	0.670 J	86.8	ND	5
p-Diethylbenzene	ND	1.09	1.41	10.6	7.98	1.87	5
sec-Butylbenzene	ND	1.49	1.80	11.2	7.52	ND	5
Xylenes, total	ND	2.29	2.67	1.01 J	87.1	ND	5

Table 1 (continued)
Volatile Organic Compounds in Groundwater (in mg/kg)
Former Elka Chemical Site No. 152239
June 16, 2024

Analyte	GW-2	GW-5S	GW-5A (Dup. of GW-5S)	GW-7 (7-12')	GW-7 (15-20')	GW-12 (20-25')	NYSDEC Ambient Water Quality Standards
1,2,3-Trichlorobenzene	ND	ND	ND	0.440 J	ND	ND	ND ND 5
Cyclohexane	ND	ND	ND	9.01 ICVE, QL-02	ICVE, QL-02 11.3	ND	--
Methylchlorohexane	ND	ND	ND	8.72	24.3 ND	ND	--
n-Butylbenzene	ND	ND	ND	7.23	5.91	ND	5
o-Xylene	ND	ND	ND	0.340 J	ND	ND	5
tert-Butylbenzene	ND	ND	ND	1.85 QL- 02	1.05 QL- 02	ND	5
1,2-Dichlorobenzene	ND	ND	ND	1.20 J	0.450 J	ND	3
1,3,5-Trimethylbenzene	ND	ND	ND	0.530	9.52	ND	5
Acetone	ND	ND	ND	ND	ND	ND	1.935 50
Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND 0.540 NS
Chloroform	ND	ND	ND	ND	ND	ND	ND 942 5

TB-1 EB-2



SDG-2-2024

Technical Report

prepared for:

Dermody Consulting, Inc.
32 Chichester Ave., 2nd Floor
Center Moriches NY, 11934
Attention: Peter Dermody

Report Date: 07/22/2024
Client Project ID: Elka
York Project (SDG) No.: 24F1201

Stratford, CT Laboratory IDs:
NY:10854, NJ: CT005, PA: 68-0440, CT: PH-0723



Richmond Hill, NY Laboratory IDs:
NY:12058, NJ: NY037, CT: PH-0721, NH: 2097,
EPA: NY01600

120 RESEARCH DRIVE
www.YORKLAB.com

STRATFORD, CT 06615
(203) 325-1371

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

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 07/22/2024
Client Project ID: Elka
York Project (SDG) No.: 24F1201

Dermody Consulting, Inc.
32 Chichester Ave., 2nd Floor
Center Moriches NY, 11934
Attention: Peter Dermody

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on June 18, 2024 and listed below. The project was identified as your project: **Elka**.

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.

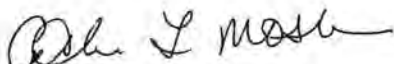
Please contact Client Services at 203.325.1371 with any questions regarding this report.

Surrogate check

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
24F1201-01	GW-2	Ground Water	06/16/2024	06/18/2024
24F1201-02	GW-5S	Ground Water	06/16/2024	06/18/2024
24F1201-03	GW-7 (7-12 ft)	Ground Water	06/16/2024	06/18/2024
24F1201-04	GW-7 (15-20 ft)	Ground Water	06/16/2024	06/18/2024
24F1201-05	GW-5A	Ground Water	06/16/2024	06/18/2024
24F1201-06	TB-1	Water	06/16/2024	06/18/2024
24F1201-07	EB-2	Water	06/16/2024	06/18/2024
24F1201-08	EB-3	Water	06/17/2024	06/18/2024
24F1201-09	GW-12 (20-25ft)	Ground Water	06/16/2024	06/18/2024

General Notes for York Project (SDG) No.: 24F1201

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, NJ Cert No. CT005, PA Cert No. 68-04440, CT Cert No. PH-0723; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058, NJ Cert No. NY037, CT Cert No. PH-0721, NH Cert No. 2097, EPA Cert No. NY01600.

Approved By: 

Cassie L. Mosher
Laboratory Manager

Date: 07/22/2024





Analytical Batch Summary

Batch ID: BF41252

Preparation Method: EPA 5030B

Prepared By: AC

YORK Sample ID	Client Sample ID	Preparation Date
24F1201-06	TB-1	06/20/24
BF41252-BLK1	Blank	06/20/24
BF41252-BS1	LCS	06/20/24
BF41252-BSD1	LCS Dup	06/20/24

Batch ID: BF41330

Preparation Method: EPA 3510C

Prepared By: GXB

YORK Sample ID	Client Sample ID	Preparation Date
24F1201-08	EB-3	06/20/24
BF41330-BLK1	Blank	06/20/24
BF41330-BLK2	Blank	06/20/24
BF41330-BS1	LCS	06/20/24
BF41330-BS2	LCS	06/20/24

Batch ID: BF41332

Preparation Method: EPA 3015A

Prepared By: DBT

YORK Sample ID	Client Sample ID	Preparation Date
24F1201-08	EB-3	06/20/24
BF41332-BLK1	Blank	06/20/24
BF41332-BS1	LCS	06/20/24
BF41332-DUP1	Duplicate	06/20/24
BF41332-MS1	Matrix Spike	06/20/24
BF41332-PS1	Post Spike	06/20/24

Batch ID: BF41429

Preparation Method: EPA 3015A

Prepared By: DBT

YORK Sample ID	Client Sample ID	Preparation Date
24F1201-08	EB-3	06/21/24
BF41429-BLK1	Blank	06/21/24
BF41429-BS1	LCS	06/21/24

Batch ID: BF41450

Preparation Method: EPA 5030B

Prepared By: AC

YORK Sample ID	Client Sample ID	Preparation Date
24F1201-01	GW-2	06/20/24
24F1201-02	GW-5S	06/20/24
24F1201-03	GW-7 (7-12 ft)	06/20/24
24F1201-04	GW-7 (15-20 ft)	06/20/24
24F1201-05	GW-5A	06/20/24
24F1201-07	EB-2	06/20/24
24F1201-08	EB-3	06/20/24
24F1201-09	GW-12 (20-25ft)	06/20/24
BF41450-BLK1	Blank	06/20/24



BF41450-BS1	LCS	06/20/24
BF41450-BSD1	LCS Dup	06/20/24
BF41450-MS1	Matrix Spike	06/20/24
BF41450-MSD1	Matrix Spike Dup	06/20/24

Batch ID: BF41528 **Preparation Method:** EPA SW846-7470A - Hg **Prepared By:** PFA

YORK Sample ID	Client Sample ID	Preparation Date
24F1201-08	EB-3	06/24/24
BF41528-BLK1	Blank	06/24/24
BF41528-BLK2	Blank	06/24/24
BF41528-BS1	LCS	06/24/24
BF41528-BS2	LCS	06/24/24

Batch ID: BF41560 **Preparation Method:** EPA 5030B **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
24F1201-03RE1	GW-7 (7-12 ft)	06/24/24
BF41560-BLK1	Blank	06/24/24
BF41560-BS1	LCS	06/24/24
BF41560-BSD1	LCS Dup	06/24/24



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BF41252 - EPA 5030B

LCS (BF41252-BS1)

Prepared & Analyzed: 06/20/2024

Acrolein	4.29		ug/L	10.0		42.9	10-153				
Acrylonitrile	7.98		"	10.0		79.8	51-150				
Benzene	9.68		"	10.0		96.8	85-126				
Bromochloromethane	8.36		"	10.0		83.6	77-128				
Bromodichloromethane	8.40		"	10.0		84.0	79-128				
Bromoform	7.90		"	10.0		79.0	78-133				
Bromomethane	6.97		"	10.0		69.7	43-168				
Carbon disulfide	9.65		"	10.0		96.5	68-146				
Carbon tetrachloride	8.49		"	10.0		84.9	77-141				
Chlorobenzene	10.0		"	10.0		100	88-120				
Chloroethane	7.96		"	10.0		79.6	65-136				
Chloroform	8.84		"	10.0		88.4	82-128				
Chloromethane	6.24		"	10.0		62.4	43-155				
cis-1,2-Dichloroethylene	8.97		"	10.0		89.7	83-129				
cis-1,3-Dichloropropylene	9.41		"	10.0		94.1	80-131				
Cyclohexane	4.12		"	10.0		41.2	63-149	Low Bias			
Dibromochloromethane	8.60		"	10.0		86.0	80-130				
Dibromomethane	8.56		"	10.0		85.6	72-134				
Dichlorodifluoromethane	5.29		"	10.0		52.9	44-144				
Ethyl Benzene	10.2		"	10.0		102	80-131				
Hexachlorobutadiene	9.66		"	10.0		96.6	67-146				
Isopropylbenzene	11.0		"	10.0		110	76-140				
Methyl acetate	7.79		"	10.0		77.9	51-139				
Methyl tert-butyl ether (MTBE)	8.28		"	10.0		82.8	76-135				
Methyleyclohexane	9.89		"	10.0		98.9	72-143				
Methylene chloride	8.34		"	10.0		83.4	55-137				
Naphthalene	8.79		"	10.0		87.9	70-147				
n-Butylbenzene	10.0		"	10.0		100	79-132				
n-Propylbenzene	10.7		"	10.0		107	78-133				
o-Xylene	9.79		"	10.0		97.9	78-130				
p- & m- Xylenes	20.0		"	20.0		100	77-133				
p-Diethylbenzene	10.2		"	10.0		102	84-134				
p-Ethyltoluene	12.1		"	10.0		121	88-129				
p-Isopropyltoluene	10.7		"	10.0		107	81-136				
sec-Butylbenzene	10.6		"	10.0		106	79-137				
Styrene	9.81		"	10.0		98.1	67-132				
tert-Butyl alcohol (TBA)	32.6		"	50.0		65.3	25-162				
tert-Butylbenzene	9.34		"	10.0		93.4	77-138				
Tetrachloroethylene	10.3		"	10.0		103	82-131				
Toluene	10.3		"	10.0		103	80-127				
trans-1,2-Dichloroethylene	8.88		"	10.0		88.8	80-132				
trans-1,3-Dichloropropylene	8.72		"	10.0		87.2	78-131				
Trichloroethylene	9.74		"	10.0		97.4	82-128				
Trichlorofluoromethane	8.76		"	10.0		87.6	67-139				
Vinyl Chloride	7.36		"	10.0		73.6	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	8.84		"	10.0		88.4	69-130				
Surrogate: SURR: Toluene-d8	10.5		"	10.0		105	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.3		"	10.0		103	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF41252 - EPA 5030B											
LCS Dup (BF41252-BSD1)											
Prepared & Analyzed: 06/20/2024											
1,1,1,2-Tetrachloroethane	8.98		ug/L	10.0		89.8	82-126		0.334	30	
1,1,1-Trichloroethane	8.45		"	10.0		84.5	78-136		4.06	30	
1,1,2,2-Tetrachloroethane	10.8		"	10.0		108	76-129		5.32	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.45		"	10.0		94.5	54-165		1.57	30	
1,1,2-Trichloroethane	9.87		"	10.0		98.7	82-123		4.03	30	
1,1-Dichloroethane	8.75		"	10.0		87.5	82-129		0.570	30	
1,1-Dichloroethylene	9.37		"	10.0		93.7	68-138		1.80	30	
1,2,3-Trichlorobenzene	8.76		"	10.0		87.6	76-136		2.19	30	
1,2,3-Trichloropropane	10.5		"	10.0		105	77-128		4.17	30	
1,2,4-Trichlorobenzene	9.02		"	10.0		90.2	76-137		2.95	30	
1,2,4-Trimethylbenzene	10.0		"	10.0		100	82-132		6.27	30	
1,2-Dibromo-3-chloropropane	9.22		"	10.0		92.2	45-147		7.19	30	
1,2-Dibromoethane	10.2		"	10.0		102	83-124		7.56	30	
1,2-Dichlorobenzene	9.99		"	10.0		99.9	79-123		4.41	30	
1,2-Dichloroethane	8.50		"	10.0		85.0	73-132		6.81	30	
1,2-Dichloropropane	9.59		"	10.0		95.9	78-126		0.831	30	
1,3,5-Trimethylbenzene	10.3		"	10.0		103	80-131		7.81	30	
1,3-Dichlorobenzene	9.94		"	10.0		99.4	86-122		6.90	30	
1,3-Dichloropropane	9.78		"	10.0		97.8	81-125		6.77	30	
1,4-Dichlorobenzene	9.81		"	10.0		98.1	85-124		6.79	30	
1,4-Dioxane	212		"	210		101	10-349		38.6	30	Non-dir
2-Butanone	8.99		"	10.0		89.9	49-152		11.3	30	
2-Hexanone	9.45		"	10.0		94.5	51-146		13.4	30	
4-Methyl-2-pentanone	8.40		"	10.0		84.0	57-145		13.5	30	
Acetone	9.44		"	10.0		94.4	14-150		24.5	30	
Acrolein	4.61		"	10.0		46.1	10-153		7.19	30	
Acrylonitrile	9.07		"	10.0		90.7	51-150		12.8	30	
Benzene	9.55		"	10.0		95.5	85-126		1.35	30	
Bromochloromethane	8.69		"	10.0		86.9	77-128		3.87	30	
Bromodichloromethane	8.43		"	10.0		84.3	79-128		0.357	30	
Bromoform	8.55		"	10.0		85.5	78-133		7.90	30	
Bromomethane	6.93		"	10.0		69.3	43-168		0.576	30	
Carbon disulfide	9.52		"	10.0		95.2	68-146		1.36	30	
Carbon tetrachloride	8.35		"	10.0		83.5	77-141		1.66	30	
Chlorobenzene	9.78		"	10.0		97.8	88-120		2.52	30	
Chloroethane	7.79		"	10.0		77.9	65-136		2.16	30	
Chloroform	8.68		"	10.0		86.8	82-128		1.83	30	
Chloromethane	6.14		"	10.0		61.4	43-155		1.62	30	
cis-1,2-Dichloroethylene	8.71		"	10.0		87.1	83-129		2.94	30	
cis-1,3-Dichloropropylene	9.36		"	10.0		93.6	80-131		0.533	30	
Cyclohexane	3.97		"	10.0		39.7	63-149	Low Bias	3.71	30	
Dibromochloromethane	8.90		"	10.0		89.0	80-130		3.43	30	
Dibromomethane	9.27		"	10.0		92.7	72-134		7.96	30	
Dichlorodifluoromethane	5.29		"	10.0		52.9	44-144		0.00	30	
Ethyl Benzene	9.80		"	10.0		98.0	80-131		3.61	30	
Hexachlorobutadiene	8.85		"	10.0		88.5	67-146		8.75	30	
Isopropylbenzene	10.1		"	10.0		101	76-140		8.65	30	
Methyl acetate	8.86		"	10.0		88.6	51-139		12.9	30	
Methyl tert-butyl ether (MTBE)	9.27		"	10.0		92.7	76-135		11.3	30	
Methylcyclohexane	9.54		"	10.0		95.4	72-143		3.60	30	
Methylene chloride	8.44		"	10.0		84.4	55-137		1.19	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BF41450 - EPA 5030B

LCS (BF41450-BS1)

Prepared & Analyzed: 06/20/2024

1,1,1,2-Tetrachloroethane	9.88		ug/L	10.0		98.8	82-126				
1,1,1-Trichloroethane	9.82		"	10.0		98.2	78-136				
1,1,2,2-Tetrachloroethane	10.1		"	10.0		101	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.75		"	10.0		97.5	54-165				
1,1,2-Trichloroethane	10.4		"	10.0		104	82-123				
1,1-Dichloroethane	9.14		"	10.0		91.4	82-129				
1,1-Dichloroethylene	10.2		"	10.0		102	68-138				
1,2,3-Trichlorobenzene	9.31		"	10.0		93.1	76-136				
1,2,3-Trichloropropane	10.7		"	10.0		107	77-128				
1,2,4-Trichlorobenzene	9.58		"	10.0		95.8	76-137				
1,2,4-Trimethylbenzene	9.54		"	10.0		95.4	82-132				
1,2-Dibromo-3-chloropropane	9.92		"	10.0		99.2	45-147				
1,2-Dibromoethane	10.5		"	10.0		105	83-124				
1,2-Dichlorobenzene	10.0		"	10.0		100	79-123				
1,2-Dichloroethane	10.4		"	10.0		104	73-132				
1,2-Dichloropropane	9.50		"	10.0		95.0	78-126				
1,3,5-Trimethylbenzene	9.70		"	10.0		97.0	80-131				
1,3-Dichlorobenzene	9.62		"	10.0		96.2	86-122				
1,3-Dichloropropane	10.2		"	10.0		102	81-125				
1,4-Dichlorobenzene	9.47		"	10.0		94.7	85-124				
1,4-Dioxane	287		"	210		136	10-349				
2-Butanone	9.91		"	10.0		99.1	49-152				
2-Hexanone	11.2		"	10.0		112	51-146				
4-Methyl-2-pentanone	9.97		"	10.0		99.7	57-145				
Acetone	12.6		"	10.0		126	14-150				
Acrolein	4.61		"	10.0		46.1	10-153				
Acrylonitrile	10.1		"	10.0		101	51-150				
Benzene	9.34		"	10.0		93.4	85-126				
Bromochloromethane	9.63		"	10.0		96.3	77-128				
Bromodichloromethane	9.45		"	10.0		94.5	79-128				
Bromoform	10.3		"	10.0		103	78-133				
Bromomethane	5.77		"	10.0		57.7	43-168				
Carbon disulfide	9.11		"	10.0		91.1	68-146				
Carbon tetrachloride	9.84		"	10.0		98.4	77-141				
Chlorobenzene	9.75		"	10.0		97.5	88-120				
Chloroethane	9.11		"	10.0		91.1	65-136				
Chloroform	9.70		"	10.0		97.0	82-128				
Chloromethane	6.20		"	10.0		62.0	43-155				
cis-1,2-Dichloroethylene	9.06		"	10.0		90.6	83-129				
cis-1,3-Dichloropropylene	9.01		"	10.0		90.1	80-131				
Cyclohexane	3.89		"	10.0		38.9	63-149				
Dibromochloromethane	10.1		"	10.0		101	80-130				
Dibromomethane	10.2		"	10.0		102	72-134				
Dichlorodifluoromethane	6.27		"	10.0		62.7	44-144				
Ethyl Benzene	10.0		"	10.0		100	80-131				
Hexachlorobutadiene	9.76		"	10.0		97.6	67-146				
Isopropylbenzene	9.14		"	10.0		91.4	76-140				
Methyl acetate	8.97		"	10.0		89.7	51-139				
Methyl tert-butyl ether (MTBE)	10.5		"	10.0		105	76-135				
Methylcyclohexane	9.06		"	10.0		90.6	72-143				
Methylene chloride	9.35		"	10.0		93.5	55-137				

Low Bias



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF41450 - EPA 5030B											
LCS Dup (BF41450-BSD1)						Prepared & Analyzed: 06/20/2024					
Benzene	8.69		ug/L	10.0		86.9	85-126		7.21	30	
Bromochloromethane	9.17		"	10.0		91.7	77-128		4.89	30	
Bromodichloromethane	8.83		"	10.0		88.3	79-128		6.78	30	
Bromoform	9.57		"	10.0		95.7	78-133		7.15	30	
Bromomethane	5.40		"	10.0		54.0	43-168		6.62	30	
Carbon disulfide	8.56		"	10.0		85.6	68-146		6.23	30	
Carbon tetrachloride	9.07		"	10.0		90.7	77-141		8.14	30	
Chlorobenzene	9.24		"	10.0		92.4	88-120		5.37	30	
Chloroethane	8.36		"	10.0		83.6	65-136		8.59	30	
Chloroform	8.91		"	10.0		89.1	82-128		8.49	30	
Chloromethane	5.71		"	10.0		57.1	43-155		8.23	30	
cis-1,2-Dichloroethylene	8.51		"	10.0		85.1	83-129		6.26	30	
cis-1,3-Dichloropropylene	8.32		"	10.0		83.2	80-131		7.96	30	
Cyclohexane	3.71		"	10.0		37.1	63-149	Low Bias	4.74	30	
Dibromochloromethane	9.68		"	10.0		96.8	80-130		3.95	30	
Dibromomethane	9.71		"	10.0		97.1	72-134		4.73	30	
Dichlorodifluoromethane	5.64		"	10.0		56.4	44-144		10.6	30	
Ethyl Benzene	9.30		"	10.0		93.0	80-131		7.55	30	
Hexachlorobutadiene	9.32		"	10.0		93.2	67-146		4.61	30	
Isopropylbenzene	8.48		"	10.0		84.8	76-140		7.49	30	
Methyl acetate	8.65		"	10.0		86.5	51-139		3.63	30	
Methyl tert-butyl ether (MTBE)	9.85		"	10.0		98.5	76-135		6.29	30	
Methyleyclohexane	8.32		"	10.0		83.2	72-143		8.52	30	
Methylene chloride	8.68		"	10.0		86.8	55-137		7.43	30	
Naphthalene	9.05		"	10.0		90.5	70-147		2.94	30	
n-Butylbenzene	8.60		"	10.0		86.0	79-132		9.21	30	
n-Propylbenzene	8.31		"	10.0		83.1	78-133		8.30	30	
o-Xylene	9.34		"	10.0		93.4	78-130		5.82	30	
p- & m- Xylenes	18.6		"	20.0		93.0	77-133		7.40	30	
p-Diethylbenzene	8.68		"	10.0		86.8	84-134		8.07	30	
p-Ethyltoluene	9.43		"	10.0		94.3	88-129		7.94	30	
p-Isopropyltoluene	8.76		"	10.0		87.6	81-136		8.00	30	
sec-Butylbenzene	8.64		"	10.0		86.4	79-137		6.06	30	
Styrene	9.10		"	10.0		91.0	67-132		7.10	30	
tert-Butyl alcohol (TBA)	56.4		"	50.0		113	25-162		8.84	30	
tert-Butylbenzene	7.56		"	10.0		75.6	77-138	Low Bias	7.76	30	
Tetrachloroethylene	9.01		"	10.0		90.1	82-131		10.0	30	
Toluene	9.00		"	10.0		90.0	80-127		6.45	30	
trans-1,2-Dichloroethylene	8.81		"	10.0		88.1	80-132		6.90	30	
trans-1,3-Dichloropropylene	8.78		"	10.0		87.8	78-131		6.29	30	
Trichloroethylene	8.76		"	10.0		87.6	82-128		8.00	30	
Trichlorofluoromethane	10.6		"	10.0		106	67-139		10.6	30	
Vinyl Chloride	7.40		"	10.0		74.0	58-145		8.91	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	11.4		"	10.0		114	69-130				
Surrogate: SURR: Toluene-d8	9.99		"	10.0		99.9	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.29		"	10.0		92.9	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BF41450 - EPA 5030B

Matrix Spike (BF41450-MS1) *Source sample: 24F1201-02 (GW-5S) Prepared: 06/20/2024 Analyzed: 06/21/2024

1,1,1,2-Tetrachloroethane	10.6		ug/L	10.0	0.00	106	45-161				
1,1,1-Trichloroethane	11.9		"	10.0	0.00	119	70-146				
1,1,2,2-Tetrachloroethane	10.4		"	10.0	0.00	104	74-121				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.03		"	10.0	0.00	90.3	21-217				
1,1,2-Trichloroethane	14.8		"	10.0	0.00	148	59-146	High Bias			
1,1-Dichloroethane	10.7		"	10.0	0.00	107	54-146				
1,1-Dichloroethylene	12.0		"	10.0	0.00	120	44-165				
1,2,3-Trichlorobenzene	8.13		"	10.0	0.00	81.3	40-161				
1,2,3-Trichloropropane	11.2		"	10.0	0.00	112	74-127				
1,2,4-Trichlorobenzene	7.95		"	10.0	0.00	79.5	41-161				
1,2,4-Trimethylbenzene	8.78		"	10.0	0.310	84.7	72-129				
1,2-Dibromo-3-chloropropane	10.5		"	10.0	0.00	105	31-151				
1,2-Dibromoethane	11.4		"	10.0	0.00	114	75-125				
1,2-Dichlorobenzene	9.34		"	10.0	0.00	93.4	63-122				
1,2-Dichloroethane	12.0		"	10.0	0.00	120	68-131				
1,2-Dichloropropane	10.2		"	10.0	0.00	102	77-121				
1,3,5-Trimethylbenzene	9.01		"	10.0	0.200	88.1	69-126				
1,3-Dichlorobenzene	8.60		"	10.0	0.00	86.0	74-119				
1,3-Dichloropropane	10.8		"	10.0	0.00	108	77-119				
1,4-Dichlorobenzene	8.48		"	10.0	0.00	84.8	70-124				
1,4-Dioxane	198		"	210	0.00	94.5	10-310				
2-Butanone	9.02		"	10.0	0.00	90.2	10-193				
2-Hexanone	12.0		"	10.0	0.00	120	53-133				
4-Methyl-2-pentanone	11.2		"	10.0	0.00	112	38-150				
Acetone	17.5		"	10.0	0.00	175	13-149	High Bias			
Acrolein	4.53		"	10.0	0.00	45.3	10-195				
Acrylonitrile	11.0		"	10.0	0.00	110	37-165				
Benzene	10.5		"	10.0	0.00	105	38-155				
Bromochloromethane	11.2		"	10.0	0.00	112	75-121				
Bromodichloromethane	10.3		"	10.0	0.00	103	70-129				
Bromoform	10.8		"	10.0	0.00	108	66-136				
Bromomethane	6.29		"	10.0	0.00	62.9	30-158				
Carbon disulfide	10.1		"	10.0	0.00	101	10-138				
Carbon tetrachloride	11.6		"	10.0	0.00	116	71-146				
Chlorobenzene	10.5		"	10.0	0.340	102	81-117				
Chloroethane	10.7		"	10.0	0.00	107	51-145				
Chloroform	11.1		"	10.0	0.00	111	80-124				
Chloromethane	7.00		"	10.0	0.00	70.0	16-163				
cis-1,2-Dichloroethylene	9.88		"	10.0	0.00	98.8	76-125				
cis-1,3-Dichloropropylene	8.94		"	10.0	0.00	89.4	58-131				
Cyclohexane	15.2		"	10.0	0.00	152	70-130	High Bias			
Dibromochloromethane	10.9		"	10.0	0.00	109	71-129				
Dibromomethane	10.8		"	10.0	0.00	108	76-120				
Dichlorodifluoromethane	6.36		"	10.0	0.00	63.6	30-147				
Ethyl Benzene	10.9		"	10.0	0.630	103	72-128				
Hexachlorobutadiene	7.32		"	10.0	0.00	73.2	34-166				
Isopropylbenzene	10.8		"	10.0	2.08	87.4	66-139				
Methyl acetate	8.91		"	10.0	0.00	89.1	10-200				
Methyl tert-butyl ether (MTBE)	11.7		"	10.0	0.00	117	75-128				
Methyleyclohexane	9.45		"	10.0	0.00	94.5	70-130				
Methylene chloride	10.6		"	10.0	0.00	106	57-128				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BF41450 - EPA 5030B

Matrix Spike (BF41450-MS1)		*Source sample: 24F1201-02 (GW-SS)				Prepared: 06/20/2024 Analyzed: 06/21/2024					
Naphthalene	9.86		ug/L	10.0	0.520	93.4	39-158				
n-Butylbenzene	7.91		"	10.0	0.00	79.1	61-138				
n-Propylbenzene	10.4		"	10.0	2.15	82.6	66-134				
o-Xylene	10.5		"	10.0	0.140	104	69-126				
p- & m- Xylenes	22.0		"	20.0	2.15	99.5	67-130				
p-Diethylbenzene	8.75		"	10.0	1.09	76.6	52-150				
p-Ethyltoluene	9.22		"	10.0	0.00	92.2	76-127				
p-Isopropyltoluene	8.12		"	10.0	0.00	81.2	64-137				
sec-Butylbenzene	9.81		"	10.0	1.49	83.2	53-155				
Styrene	9.91		"	10.0	0.00	99.1	69-125				
tert-Butyl alcohol (TBA)	58.0		"	50.0	0.00	116	10-130				
tert-Butylbenzene	7.92		"	10.0	0.210	77.1	65-139				
Tetrachloroethylene	9.23		"	10.0	0.00	92.3	64-139				
Toluene	10.3		"	10.0	0.00	103	76-123				
trans-1,2-Dichloroethylene	10.6		"	10.0	0.00	106	79-131				
trans-1,3-Dichloropropylene	9.08		"	10.0	0.00	90.8	55-130				
Trichloroethylene	10.1		"	10.0	0.00	101	53-145				
Trichlorofluoromethane	13.9		"	10.0	0.00	139	61-142				
Vinyl Chloride	9.16		"	10.0	0.00	91.6	31-165				
Surrogate: SURRE: 1,2-Dichloroethane-d4	12.2		"	10.0		122	69-130				
Surrogate: SURRE: Toluene-d8	9.93		"	10.0		99.3	81-117				
Surrogate: SURRE: p-Bromofluorobenzene	8.95		"	10.0		89.5	79-122				

Matrix Spike Dup (BF41450-MSD1)		*Source sample: 24F1201-02 (GW-SS)				Prepared: 06/20/2024 Analyzed: 06/21/2024					
1,1,1,2-Tetrachloroethane	11.5		ug/L	10.0	0.00	115	45-161		8.77	30	
1,1,1-Trichloroethane	12.4		"	10.0	0.00	124	70-146		4.52	30	
1,1,2,2-Tetrachloroethane	11.2		"	10.0	0.00	112	74-121		7.98	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.91		"	10.0	0.00	99.1	21-217		9.29	30	
1,1,2-Trichloroethane	16.2		"	10.0	0.00	162	59-146	High Bias	9.23	30	
1,1-Dichloroethane	11.4		"	10.0	0.00	114	54-146		6.87	30	
1,1-Dichloroethylene	12.6		"	10.0	0.00	126	44-165		4.64	30	
1,2,3-Trichlorobenzene	9.48		"	10.0	0.00	94.8	40-161		15.3	30	
1,2,3-Trichloropropane	12.1		"	10.0	0.00	121	74-127		7.75	30	
1,2,4-Trichlorobenzene	9.10		"	10.0	0.00	91.0	41-161		13.5	30	
1,2,4-Trimethylbenzene	9.51		"	10.0	0.310	92.0	72-129		7.98	30	
1,2-Dibromo-3-chloropropane	11.2		"	10.0	0.00	112	31-151		6.27	30	
1,2-Dibromoethane	12.6		"	10.0	0.00	126	75-125	High Bias	10.5	30	
1,2-Dichlorobenzene	10.4		"	10.0	0.00	104	63-122		10.8	30	
1,2-Dichloroethane	12.6		"	10.0	0.00	126	68-131		4.95	30	
1,2-Dichloropropane	11.3		"	10.0	0.00	113	77-121		10.2	30	
1,3,5-Trimethylbenzene	9.83		"	10.0	0.200	96.3	69-126		8.70	30	
1,3-Dichlorobenzene	9.50		"	10.0	0.00	95.0	74-119		9.94	30	
1,3-Dichloropropane	11.9		"	10.0	0.00	119	77-119		10.0	30	
1,4-Dichlorobenzene	9.47		"	10.0	0.00	94.7	70-124		11.0	30	
1,4-Dioxane	288		"	210	0.00	137	10-310		36.9	30	Non-dir.
2-Butanone	11.6		"	10.0	0.00	116	10-193		25.2	30	
2-Hexanone	13.2		"	10.0	0.00	132	53-133		9.12	30	
4-Methyl-2-pentanone	12.0		"	10.0	0.00	120	38-150		6.20	30	
Acetone	17.8		"	10.0	0.00	178	13-149	High Bias	1.70	30	
Acrolein	5.28		"	10.0	0.00	52.8	10-195		15.3	30	
Acrylonitrile	11.7		"	10.0	0.00	117	37-165		6.26	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF41450 - EPA 5030B											
Matrix Spike Dup (BF41450-MSD1) *Source sample: 24F1201-02 (GW-5S) Prepared: 06/20/2024 Analyzed: 06/21/2024											
Benzene	11.5		ug/L	10.0	0.00	115	38-155		8.99	30	
Bromochloromethane	11.6		"	10.0	0.00	116	75-121		3.34	30	
Bromodichloromethane	11.3		"	10.0	0.00	113	70-129		10.0	30	
Bromoform	11.9		"	10.0	0.00	119	66-136		9.99	30	
Bromomethane	7.30		"	10.0	0.00	73.0	30-158		14.9	30	
Carbon disulfide	10.9		"	10.0	0.00	109	10-138		7.73	30	
Carbon tetrachloride	12.1		"	10.0	0.00	121	71-146		4.49	30	
Chlorobenzene	11.6		"	10.0	0.340	113	81-117		10.4	30	
Chloroethane	10.9		"	10.0	0.00	109	51-145		2.04	30	
Chloroform	11.8		"	10.0	0.00	118	80-124		5.58	30	
Chloromethane	7.28		"	10.0	0.00	72.8	16-163		3.92	30	
cis-1,2-Dichloroethylene	10.6		"	10.0	0.00	106	76-125		6.65	30	
cis-1,3-Dichloropropylene	9.83		"	10.0	0.00	98.3	58-131		9.48	30	
Cyclohexane	15.9		"	10.0	0.00	159	70-130	High Bias	4.05	30	
Dibromochloromethane	12.1		"	10.0	0.00	121	71-129		10.6	30	
Dibromomethane	11.7		"	10.0	0.00	117	76-120		8.63	30	
Dichlorodifluoromethane	5.89		"	10.0	0.00	58.9	30-147		7.67	30	
Ethyl Benzene	11.9		"	10.0	0.630	113	72-128		8.58	30	
Hexachlorobutadiene	7.77		"	10.0	0.00	77.7	34-166		5.96	30	
Isopropylbenzene	11.9		"	10.0	2.08	98.3	66-139		9.59	30	
Methyl acetate	9.40		"	10.0	0.00	94.0	10-200		5.35	30	
Methyl tert-butyl ether (MTBE)	12.7		"	10.0	0.00	127	75-128		8.11	30	
Methylcyclohexane	10.6		"	10.0	0.00	106	70-130		11.3	30	
Methylene chloride	11.1		"	10.0	0.00	111	57-128		4.69	30	
Naphthalene	11.3		"	10.0	0.520	108	39-158		13.6	30	
n-Butylbenzene	8.68		"	10.0	0.00	86.8	61-138		9.28	30	
n-Propylbenzene	11.1		"	10.0	2.15	89.7	66-134		6.60	30	
o-Xylene	11.4		"	10.0	0.140	113	69-126		8.30	30	
p- & m- Xylenes	24.4		"	20.0	2.15	111	67-130		10.2	30	
p-Diethylbenzene	9.57		"	10.0	1.09	84.8	52-150		8.95	30	
p-Ethyltoluene	9.96		"	10.0	0.00	99.6	76-127		7.72	30	
p-Isopropyltoluene	8.89		"	10.0	0.00	88.9	64-137		9.05	30	
sec-Butylbenzene	10.7		"	10.0	1.49	92.0	53-155		8.59	30	
Styrene	11.0		"	10.0	0.00	110	69-125		10.4	30	
tert-Butyl alcohol (TBA)	62.8		"	50.0	0.00	126	10-130		7.95	30	
tert-Butylbenzene	8.72		"	10.0	0.210	85.1	65-139		9.62	30	
Tetrachloroethylene	10.2		"	10.0	0.00	102	64-139		9.49	30	
Toluene	11.4		"	10.0	0.00	114	76-123		10.2	30	
trans-1,2-Dichloroethylene	11.3		"	10.0	0.00	113	79-131		5.94	30	
trans-1,3-Dichloropropylene	9.96		"	10.0	0.00	99.6	55-130		9.24	30	
Trichloroethylene	11.0		"	10.0	0.00	110	53-145		9.20	30	
Trichlorofluoromethane	13.5		"	10.0	0.00	135	61-142		2.70	30	
Vinyl Chloride	9.65		"	10.0	0.00	96.5	31-165		5.21	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	11.5		"	10.0		115	69-130				
Surrogate: SURR: Toluene-d8	10.1		"	10.0		101	81-117				
Surrogate: SURR: p-Bromofluorobenzene	8.95		"	10.0		89.5	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF41560 - EPA 5030B											
LCS (BF41560-BS1)						Prepared & Analyzed: 06/24/2024					
Acrylonitrile	11.8		ug/L	10.0		118	51-150				
Benzene	12.6		"	10.0		126	85-126				
Bromochloromethane	11.0		"	10.0		110	77-128				
Bromodichloromethane	9.75		"	10.0		97.5	79-128				
Bromoform	9.82		"	10.0		98.2	78-133				
Bromomethane	5.11		"	10.0		51.1	43-168				
Carbon disulfide	15.1		"	10.0		151	68-146	High Bias			
Carbon tetrachloride	11.8		"	10.0		118	77-141				
Chlorobenzene	11.0		"	10.0		110	88-120				
Chloroethane	11.5		"	10.0		115	65-136				
Chloroform	11.8		"	10.0		118	82-128				
Chloromethane	10.5		"	10.0		105	43-155				
cis-1,2-Dichloroethylene	11.9		"	10.0		119	83-129				
cis-1,3-Dichloropropylene	10.5		"	10.0		105	80-131				
Cyclohexane	5.45		"	10.0		54.5	63-149	Low Bias			
Dibromochloromethane	10.3		"	10.0		103	80-130				
Dibromomethane	10.2		"	10.0		102	72-134				
Dichlorodifluoromethane	16.2		"	10.0		162	44-144	High Bias			
Ethyl Benzene	11.3		"	10.0		113	80-131				
Hexachlorobutadiene	9.12		"	10.0		91.2	67-146				
Isopropylbenzene	10.7		"	10.0		107	76-140				
Methyl acetate	10.7		"	10.0		107	51-139				
Methyl tert-butyl ether (MTBE)	11.8		"	10.0		118	76-135				
Methylcyclohexane	11.2		"	10.0		112	72-143				
Methylene chloride	11.3		"	10.0		113	55-137				
Naphthalene	9.14		"	10.0		91.4	70-147				
n-Butylbenzene	10.1		"	10.0		101	79-132				
n-Propylbenzene	10.5		"	10.0		105	78-133				
o-Xylene	11.0		"	10.0		110	78-130				
p- & m- Xylenes	22.2		"	20.0		111	77-133				
p-Diethylbenzene	10.2		"	10.0		102	84-134				
p-Ethyltoluene	11.7		"	10.0		117	88-129				
p-Isopropyltoluene	10.5		"	10.0		105	81-136				
sec-Butylbenzene	10.5		"	10.0		105	79-137				
Styrene	10.9		"	10.0		109	67-132				
tert-Butyl alcohol (TBA)	51.4		"	50.0		103	25-162				
tert-Butylbenzene	9.21		"	10.0		92.1	77-138				
Tetrachloroethylene	11.2		"	10.0		112	82-131				
Toluene	11.4		"	10.0		114	80-127				
trans-1,2-Dichloroethylene	12.3		"	10.0		123	80-132				
trans-1,3-Dichloropropylene	10.0		"	10.0		100	78-131				
Trichloroethylene	10.7		"	10.0		107	82-128				
Trichlorofluoromethane	13.5		"	10.0		135	67-139				
Vinyl Chloride	12.2		"	10.0		122	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	9.39		"	10.0		93.9	69-130				
Surrogate: SURR: Toluene-d8	9.50		"	10.0		95.0	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.81		"	10.0		98.1	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BF41560 - EPA 5030B

LCS Dup (BF41560-BSD1)

Prepared & Analyzed: 06/24/2024

1,1,1,2-Tetrachloroethane	9.85		ug/L	10.0		98.5	82-126		2.90	30	
1,1,1-Trichloroethane	11.0		"	10.0		110	78-136		6.74	30	
1,1,2,2-Tetrachloroethane	10.6		"	10.0		106	76-129		1.14	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.8		"	10.0		128	54-165		9.96	30	
1,1,2-Trichloroethane	10.9		"	10.0		109	82-123		2.12	30	
1,1-Dichloroethane	11.2		"	10.0		112	82-129		6.62	30	
1,1-Dichloroethylene	12.7		"	10.0		127	68-138		7.60	30	
1,2,3-Trichlorobenzene	8.72		"	10.0		87.2	76-136		1.25	30	
1,2,3-Trichloropropane	10.5		"	10.0		105	77-128		1.34	30	
1,2,4-Trichlorobenzene	8.90		"	10.0		89.0	76-137		4.40	30	
1,2,4-Trimethylbenzene	9.36		"	10.0		93.6	82-132		11.9	30	
1,2-Dibromo-3-chloropropane	9.34		"	10.0		93.4	45-147		2.71	30	
1,2-Dibromoethane	11.0		"	10.0		110	83-124		1.92	30	
1,2-Dichlorobenzene	9.47		"	10.0		94.7	79-123		8.01	30	
1,2-Dichloroethane	11.1		"	10.0		111	73-132		0.00	30	
1,2-Dichloropropane	10.3		"	10.0		103	78-126		5.12	30	
1,3,5-Trimethylbenzene	9.76		"	10.0		97.6	80-131		11.7	30	
1,3-Dichlorobenzene	9.32		"	10.0		93.2	86-122		9.99	30	
1,3-Dichloropropane	10.5		"	10.0		105	81-125		1.15	30	
1,4-Dichlorobenzene	9.27		"	10.0		92.7	85-124		9.75	30	
1,4-Dioxane	201		"	210		95.6	10-349		18.3	30	
2-Butanone	11.8		"	10.0		118	49-152		60.1	30	Non-dir
2-Hexanone	10.5		"	10.0		105	51-146		7.44	30	
4-Methyl-2-pentanone	9.38		"	10.0		93.8	57-145		10.1	30	
Acetone	12.7		"	10.0		127	14-150		16.2	30	
Acrolein	4.50		"	10.0		45.0	10-153		15.1	30	
Acrylonitrile	12.4		"	10.0		124	51-150		4.63	30	
Benzene	12.0		"	10.0		120	85-126		4.95	30	
Bromochloromethane	11.0		"	10.0		110	77-128		0.819	30	
Bromodichloromethane	9.34		"	10.0		93.4	79-128		4.30	30	
Bromoform	10.3		"	10.0		103	78-133		4.58	30	
Bromomethane	5.28		"	10.0		52.8	43-168		3.27	30	
Carbon disulfide	13.9		"	10.0		139	68-146		8.19	30	
Carbon tetrachloride	10.9		"	10.0		109	77-141		7.78	30	
Chlorobenzene	10.3		"	10.0		103	88-120		7.32	30	
Chloroethane	10.7		"	10.0		107	65-136		7.31	30	
Chloroform	11.1		"	10.0		111	82-128		6.90	30	
Chloromethane	9.34		"	10.0		93.4	43-155		11.5	30	
cis-1,2-Dichloroethylene	10.9		"	10.0		109	83-129		8.67	30	
cis-1,3-Dichloropropylene	10.1		"	10.0		101	80-131		3.68	30	
Cyclohexane	5.04		"	10.0		50.4	63-149	Low Bias	7.82	30	
Dibromochloromethane	10.3		"	10.0		103	80-130		0.292	30	
Dibromomethane	10.2		"	10.0		102	72-134		0.196	30	
Dichlorodifluoromethane	14.8		"	10.0		148	44-144	High Bias	9.04	30	
Ethyl Benzene	10.5		"	10.0		105	80-131		7.53	30	
Hexachlorobutadiene	9.04		"	10.0		90.4	67-146		0.881	30	
Isopropylbenzene	9.40		"	10.0		94.0	76-140		13.0	30	
Methyl acetate	11.6		"	10.0		116	51-139		7.91	30	
Methyl tert-butyl ether (MTBE)	12.3		"	10.0		123	76-135		3.82	30	
Methylcyclohexane	10.3		"	10.0		103	72-143		7.91	30	
Methylene chloride	10.9		"	10.0		109	55-137		3.77	30	



Sample and Data Qualifiers Relating to This Work Order

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.
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.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	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).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)

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.



Sample Information

Client Sample ID: TB-1

York Sample ID: 24F1201-06

York Project (SDG) No.
24F1201

Client Project ID
Elka

Matrix
Water

Collection Date/Time
June 16, 2024 3:00 pm

Date Received
06/18/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/20/2024 09:09	06/20/2024 20:51	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/20/2024 09:09	06/20/2024 20:51	BMC
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/20/2024 09:09	06/20/2024 20:51	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/20/2024 09:09	06/20/2024 20:51	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/20/2024 09:09	06/20/2024 20:51	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/20/2024 09:09	06/20/2024 20:51	BMC
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/20/2024 09:09	06/20/2024 20:51	BMC
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/20/2024 09:09	06/20/2024 20:51	BMC
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/20/2024 09:09	06/20/2024 20:51	BMC
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/20/2024 09:09	06/20/2024 20:51	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/20/2024 09:09	06/20/2024 20:51	BMC
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/20/2024 09:09	06/20/2024 20:51	BMC
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/20/2024 09:09	06/20/2024 20:51	BMC
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/20/2024 09:09	06/20/2024 20:51	BMC
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/20/2024 09:09	06/20/2024 20:51	BMC
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/20/2024 09:09	06/20/2024 20:51	BMC
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/20/2024 09:09	06/20/2024 20:51	BMC
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/20/2024 09:09	06/20/2024 20:51	BMC
67-64-1	Acetone	1.93	J	ug/L	1.34	2.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/20/2024 09:09	06/20/2024 20:51	BMC
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/20/2024 09:09	06/20/2024 20:51	BMC
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/20/2024 09:09	06/20/2024 20:51	BMC
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/20/2024 09:09	06/20/2024 20:51	BMC
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/20/2024 09:09	06/20/2024 20:51	BMC
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/20/2024 09:09	06/20/2024 20:51	BMC



Sample Information

Client Sample ID: EB-2

York Sample ID: 24F1201-07

York Project (SDG) No.
24F1201

Client Project ID
Elka

Matrix
Water

Collection Date/Time
June 16, 2024 3:00 pm

Date Received
06/18/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP	06/20/2024 17:00	06/21/2024 04:37	BMC
107-02-8	Acrolein	ND	CCVE, ICVE	ug/L	0.447	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP	06/20/2024 17:00	06/21/2024 04:37	BMC
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP	06/20/2024 17:00	06/21/2024 04:37	BMC
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP	06/20/2024 17:00	06/21/2024 04:37	BMC
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/20/2024 17:00	06/21/2024 04:37	BMC
75-27-4	Bromodichloromethane	0.540		ug/L	0.245	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP	06/20/2024 17:00	06/21/2024 04:37	BMC
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP	06/20/2024 17:00	06/21/2024 04:37	BMC
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP	06/20/2024 17:00	06/21/2024 04:37	BMC
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP	06/20/2024 17:00	06/21/2024 04:37	BMC
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP	06/20/2024 17:00	06/21/2024 04:37	BMC
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP	06/20/2024 17:00	06/21/2024 04:37	BMC
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP	06/20/2024 17:00	06/21/2024 04:37	BMC
67-66-3	Chloroform	5.42		ug/L	0.243	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP	06/20/2024 17:00	06/21/2024 04:37	BMC
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP	06/20/2024 17:00	06/21/2024 04:37	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP	06/20/2024 17:00	06/21/2024 04:37	BMC
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP	06/20/2024 17:00	06/21/2024 04:37	BMC
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/20/2024 17:00	06/21/2024 04:37	BMC
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP	06/20/2024 17:00	06/21/2024 04:37	BMC
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/20/2024 17:00	06/21/2024 04:37	BMC
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/20/2024 17:00	06/21/2024 04:37	BMC
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP	06/20/2024 17:00	06/21/2024 04:37	BMC
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/20/2024 17:00	06/21/2024 04:37	BMC
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP	06/20/2024 17:00	06/21/2024 04:37	BMC
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/20/2024 17:00	06/21/2024 04:37	BMC



Sample Information

Client Sample ID: EB-2

York Sample ID: 24F1201-07

York Project (SDG) No.
24F1201

Client Project ID
Elka

Matrix
Water

Collection Date/Time
June 16, 2024 3:00 pm

Date Received
06/18/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE	06/20/2024 17:00	06/21/2024 04:37	BMC
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/20/2024 17:00	06/21/2024 04:37	BMC
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE	06/20/2024 17:00	06/21/2024 04:37	BMC
91-20-3	Naphthalene	0.350	J	ug/L	0.212	2.00	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/20/2024 17:00	06/21/2024 04:37	BMC
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE	06/20/2024 17:00	06/21/2024 04:37	BMC
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE	06/20/2024 17:00	06/21/2024 04:37	BMC
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-68-04440	06/20/2024 17:00	06/21/2024 04:37	BMC
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-68-04440	06/20/2024 17:00	06/21/2024 04:37	BMC
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 04:37	BMC
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 04:37	BMC
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE	06/20/2024 17:00	06/21/2024 04:37	BMC
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE	06/20/2024 17:00	06/21/2024 04:37	BMC
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE	06/20/2024 17:00	06/21/2024 04:37	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	ug/L	0.608	1.00	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/20/2024 17:00	06/21/2024 04:37	BMC
98-06-6	tert-Butylbenzene	ND	QL-02	ug/L	0.367	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE	06/20/2024 17:00	06/21/2024 04:37	BMC
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE	06/20/2024 17:00	06/21/2024 04:37	BMC
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE	06/20/2024 17:00	06/21/2024 04:37	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE	06/20/2024 17:00	06/21/2024 04:37	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE	06/20/2024 17:00	06/21/2024 04:37	BMC
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE	06/20/2024 17:00	06/21/2024 04:37	BMC
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE	06/20/2024 17:00	06/21/2024 04:37	BMC
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE	06/20/2024 17:00	06/21/2024 04:37	BMC
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	06/20/2024 17:00	06/21/2024 04:37	BMC

Surrogate Recoveries

Result

Acceptance Range

Table 3
Volatile Organic Compounds in Soil (in mg/kg)
Former Elka Chemical Site No. 152239
June 17, 2024

Analytes	SB-1 (0-6")	SB-2 (0-6")	SB-3 (0-6")	SB-4 (0-6")	SB-5 (0-6")	SB-6 (0-6")	SB-7 (0-6")	SB-8 (0-6")	SB-9 (0-6")	SB-10 (0-6") (Dup. of SB-8 (0-6"))	NYSDEC Part 375 Commercial Use Soil Cleanup Objectives
2-Butanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND --
Acetone	ND	0.043 CCVE	0.0087J	0.037 CCVE	0.035	0.028 CCVE	0.095 CCVE	0.023 CCVE	ND	ND	500
tert-Butyl Alcohol	ND	0.0061	ND	ND	ND	0.014 ND	0.015	ND	ND	ND	--

methylene chloride ND

0.580 J
 Bromochloromethane,
 Chloroform
 were detected
 in EB 3

Table 4
Semi-Volatile Organic Compounds in Soil (in ug/kg)
Former Elka Chemical Site No. 152239
Sample Date: ~~July 3, 2024~~ June 17, 2023

Analytes	SB-1 (0-6")	SB-2 (0-6")	SB-3 (0-6")	SB-4 (0-6")	SB-5 (0-6")	SB-6 (0-6")	EB-4	NYSDEC Part 375 Commercial Use Soil Cleanup Objectives
<i>Anthracene</i>	ND				0.100			
Benzo(a)anthracene	0.0976	0.133	0.173	0.0853 J	0.531	0.269	ND	~~5,600~~ 5.6
Benzo(a)pyrene	0.108	0.125	0.164	0.0845 J	0.505	0.255	ND	~~500,000~~ 500
Benzo(b)fluoranthene	0.138	0.138 0.338	0.206	0.0976	0.500	0.271	ND	~~5,600~~ 5.6
Benzo(g,h,i)perylene	0.111	0.105	0.173	0.0823 J	0.365	0.174	ND	~~500,000~~ 500
Benzo(k)fluoranthene	0.115	0.113	0.161	0.0765 J	0.442	0.244	ND	~~56,000~~ 56
Chrysene	0.139	0.145	0.207	0.104 ND	0.598	0.312	ND	~~1000~~ 56
<i>Di-n-butyl phthalate</i>	ND	ND	0.114	ND	0.123 ND	0.09625 ND	ND	--
<i>Di-n-octyl phthalate</i>	ND	0.239 ND			0.05675 1.10	ND	ND	500
Fluoranthene	0.173	ND	0.377	0.161	1.10	0.615	ND	500
Indeno(1,2,3-cd)pyrene	0.0815 J	0.0860 J	0.131	0.0583 J	0.320	0.156	ND	5.6 500
Phenanthrene	0.0517 J	0.103	0.152 J	0.0525 J	0.445	0.279	ND	~~100,000~~ 500
Pyrene	0.181	0.247	0.341	0.155	1.03	0.511	0.140	~~100,000~~ 500
Bis(2-ethylhexyl)phthalate	ND	0.0564 J	1.03	0.130	0.0751 J	0.627	ND	--

2-methylphthalate ND ND 0.145 ND ND
Benzyl phthalate ND ND 0.06195 ND
 ND ND 0.152 ND

these
 are
 all
 ug/kg
 convert
 to mg/kg

Table 4 (continued)
Semi-Volatile Organic Compounds (in ug/L)
Former Elka Chemical Site No. 152239
Sample Date: July 3, 2024

June 17, 2024

Analytes	SB-7 (0-6")	SB-8 (0-6")	SB-9 (0-6")	SB-10 (0-6")	EB-4	NYSDEC Part 375 Commercial Use Soil Cleanup Objectives
Bis(2-ethylhexyl)phthalate	ND	0.146	0.09685			
Anthracene	0.0670 J ✓	ND	0.169 J ✓	ND	ND	500 100,000
Dibenzo(a,h)anthracene	0.0881 J ✓	0.0546 J ✓ ~~0.546 J~~	0.503 ✓	0.0712 J ✓	ND	0.56 330
Fluoranthene	1.11 ✓	0.414 ✓	5.01 ✓	0.721 ✓	ND	500 100,000
Carbazole	ND	ND	0.176 ✓	ND	ND	--
Benzyl butyl phthalate	ND	ND	ND	7.27 ✓	ND	--
Naphthalene	ND	ND	ND	ND	ND	500 12,000

Benzo(a)anthracene	0.403	0.213	2.01	0.315
Benzo(a)pyrene	0.372	0.210	2.24	0.278
Benzo(b)fluoranthene	0.439	0.244	2.81	0.319
Benzo(k)fluoranthene	0.266	0.171	1.51	0.189
Benzo(a)pyrene	0.363	0.210	1.99	0.286
Benzo(k)fluoranthene	0.531	0.257	2.97	0.370
Chrysene	0.531	0.142	1.36	0.171
Indeno(1,2,3-cd)pyrene	0.233	0.129	1.59	0.343
Phenanthrene	0.531	0.129	1.59	0.343
Dibenz(a,h)anthracene	0.974	0.417	5.02	0.669

Table 5
Metals in Soil (in mg/kg)
Former Elka Chemical Site No. 152239
June 17, 2024

Add EB-3 here

Analytes <i>mg/kg</i>	SB-1 (0-6")	SB-2 (0-6")	SB-3 (0-6")	SB-4 (0-6")	SB-5 (0-6")	SB-6 (0-6")	SB-7 (0-6")	SB-8 (0-6")	SB-9 (0-6")	SB-10 (0-6") (Dup. of SB-8 (0-6"))	NYSDEC Part 375 Commercial Use Soil Cleanup Objectives
Aluminum	10,300 M- CCV I	7,810 M- CCV I	7,020 M-CCV I ~~ND~~	10,400 M- CCV I	8,000 M- CCV I	8,250 M- CCV I	5,250 M- CCV I	7,700 M- CCV I	9,320 M- CCV I	5,700 M- CCV I	—
Arsenic	8.89	5.52	5.37	13.0	7.23	10.9	5.89	6.49	8.30	3.83	16
Barium	169	26.2	63.2	43.0	55.2	54.3	38.4	44.2	51.3	43.7	~~410~~ 400
Cadmium	0.530	0.314	1.09	0.447	0.415	0.737	4.01 ~~3.7~~	0.382	0.448	0.635	~~3.7~~ 9.3
Calcium	21,000	17,800	8,050	15,400	55,200	5,220	22,200	41,300	37,000	25,200	—
Chromium	12.8	12.2	17.3	13.5	20.9	19.2	13.3	17.6	22.1	15.9	1,500
Cobalt	4.79	2.71	3.56	6.33	3.89	3.41	3.47	3.96	4.36	2.83	—
Copper	51.9	22.3	41.6	58.0	35.8	40.2	43.3	28.3	40.8	28.8	~~280~~ 270
Iron	15,300	8,850	12,100	17,900	10,700	12,600	7,350	9,490	12,000	7,200	—
Lead	38.1	28.5	58.2	35.6	57.1	46.6	40.7	25.8	37.5	38.5	1,000

Table 5
Metals in Soil (in mg/kg) (continued)
Former Elka Chemical Site No. 152239
June 17, 2024

Analyte	S-1 (0-6")	S-2 (0-6")	S-3 (0-6")	S-4 (0-6")	S-5 (0-6")	S-6 (0-6")	S-7 (0-6")	S-8 (0-6")	S-9 (0-6")	SB-10 (0-6") (Dup. of SB-8 (0-6"))	NYSDEC Part 375 Commercial Use Soil Cleanup Objectives
Magnesium	3,520 ✓	5,660 ✓	2,110 ✓	4,350 ✓	17,200 ✓	1,650 ✓	3,540 132 ✓	6,210 ✓	6,080 ✓	2,710 ✓	--
Manganese	1,100 ✓	113 ✓	185 ✓	164 ✓	182 ✓	247 1,650 ✓	132 ✓	155 ✓	196 ✓	131 ✓	10,000 ✓
Nickel	8.24 ✓	6.90 ✓	10.1 ✓	9.62 ✓	10.2 ✓	10.7 ✓	8.96 ✓	9.74 ✓	10.1 ✓	7.99 ✓	310 ✓
Potassium	1,070 M- CCV1 ✓	655 M- CCV1 ✓	925 M- CCV1 ✓	1560 1,260 M-CCV1 ✓	1,240 M- CCV1 ✓	705 M- CCV1 ✓	563 M- CCV1 ✓	991 99 M- CCV1 ✓	1,170 M- CCV1 ✓	877 M-CCV 1 ✓	--
Sodium	184 M- CCV1 ✓	110 M- CCV1 ✓	132 ✓	323 M- CCV 1 ✓	182 M- CCV 1 ✓	73.9 M- CCV 1 ✓	129 M- CCV 1 ✓	276 M- CCV 1 ✓	225 M- CCV 1 ✓	137 M-CCV 1 ✓	--
Vanadium	31.1 ✓	16.4 ✓	18.2 ✓	39.1 ✓	19.8 ✓	17.2 ✓	19.3 ✓	23.0 ✓	27.0 ✓	14.8 ✓	--
Zinc	70.7 ✓	49.4 ✓	212 ✓	68.5 ✓	59.8 ✓	113 ✓	140 ✓	76.7 ✓	118 ✓	98.9 ✓	10,000 ✓
Mercury	0.0887 ✓	0.0663 ✓	0.135 ✓	0.0681 ✓	0.0571 ✓	0.0937 ✓	0.0580 ✓	0.0575 ✓	0.163 ✓	0.0635 ✓	2.8 0.18 ✓

FORMER ELKA CHEMICAL COMPANY SITE, NYSDEC #152239
340 WEST HOFFMAN AVENUE, LINDENHURST, NY
DATA USABILITY SUMMARY REPORT
July 3, 2024 Soil Sampling (SDG 4-2024)
Lab Report #24G0361

This data usability summary report (DUSR) was prepared in accordance with Appendix 2B of New York State Department of Environmental Conservation (NYSDEC) DER-10 using the entire original laboratory report, including the sample data summary report and the extended data package. The sampling event included 10 primary environmental soil samples and associated quality assurance/quality control (QA/QC) samples (one sample delivery group, or SDG) collected on June 17, 2024. The soil samples are identified as SB-1 through SB-10, with one sample collected from 6 to 12 inches at each location.

Sample Collection and Receipt

The samples were collected in labeled laboratory-provided sample containers. No issues with sample containers, labeling, or preservation were reported by the laboratory.

Sampling procedures, including collection of field QA/QC samples, were reported to have been in accordance with the procedures in the Quality Assurance Project Plan (QAPP) for this project, which was reported to have been approved by the NYSDEC. Any exceptions are noted below. All sample collection was conducted under Chain of Custody (COC) procedures.

A trip blank (TB-4) sample was collected to evaluate the potential for sample cross-contamination. An extra volume of the SB-1 sample was also provided for a site-specific matrix spike/matrix spike duplicate (MS/MSD) QA/QC sample. An equipment blank (EB) sample (EB-4) was collected and submitted with these samples. A duplicate (SB-10 6-12") of the SB-8 6-12" sample was collected to evaluate the precision of the analytical results.

Sample Analyses

The samples were transmitted to and analyzed by York Analytical Laboratories, Inc. at their Stratford, Connecticut facility, which is New York State Department of Health-certified for the analyses performed. The samples were prepared and analyzed for the NYSDEC Part 375 list of VOCs using Methods 5030B/8260D, semivolatile organic compounds (SVOCs) using Methods 3510C/3550C/8270D/8270D SIM, metals using Methods 3050B/6010D, and mercury using Methods 7473/7473. The analytical methods and analytes are appropriate for the intended use of the data and the sample holding times were met.

QA/QC Results

Surrogate recoveries for VOCs and SVOCs in each of the samples were within acceptance limits, with the exception of one surrogate that recovered high in the SVOC analysis for the EB-4 sample. Surrogate recoveries in the associated laboratory control samples (LCSs) and duplicate (LCSD) were within limits and the data are reported without qualification. Based on the surrogate results, the data are anticipated to be accurate.

Trip blank samples consist of laboratory-provided samples of analyte-free water that travel in the coolers with the collected field samples and are used to verify that cross-contamination did not occur between samples in the field and/or laboratory. One trip blank sample, TB-4, was collected and tested with this SDG. No VOCs were detected in the TB-4 sample except for low concentrations of 1,2,4-trichlorobenzene and chloroform and a low estimated concentration of bromodichloromethane. These VOCs were detected at comparable concentrations in the EB-4 sample, as discussed below, and may result from improper trip blank preparation. None of these

VOCs was detected in the primary environmental samples. Based on these results, it is unlikely that significant VOC cross-contamination occurred between samples in the field or laboratory.

Equipment (field) blank samples are used to verify that cross-contamination between the sampling equipment and/or samples did not occur in the field. Field blank sample EB-4 was collected and tested during this sampling event. Low levels of three VOCs (1,2,4-trimethylbenzene, bromodichloromethane and chloroform), one SVOC (pyrene), and the metals calcium and potassium were detected in the EB-4 equipment blank sample. We note that the TB sample contained the same VOCs at low levels. The potassium detection was also B-qualified, indicating that this metal was detected in an associated laboratory method blank sample. Pyrene was detected at comparable concentrations in several of the primary environmental samples. Based on these results, and considering the other QA/QC results, it is possible that minor cross-contamination from the sampling equipment may have occurred for pyrene. The pyrene results that are of the same order of magnitude as the level in EB-4 should be J-qualified.

A blind duplicate sample was collected and utilized to evaluate the precision of the laboratory analyses. Sample SB-10 6-12" is a duplicate of SB-8 6-12". The results from the duplicate sample and the associated parent sample are very similar in terms of both the constituents detected and their concentrations. Based on these results, and considering the inherent variability of soil samples, the laboratory results are likely to be reasonably precise.

MS/MSD samples were prepared to evaluate the effect of the matrix on the analytical results reliability. Spiking occurs in the laboratory prior to sample preparation and analysis. A site-specific MS/MSD sample was collected using SB-1 sample material and tested by the lab in association with the soil samples, which were analyzed in several batches. Based on information provided by the analytical lab, the MS/MSD results were all within QC limits except as follows:

- The percent recovery (%R) was below the control limit for three VOCs in the MS for batch BG40572. The MSD %Rs were also below the control limits for the same VOCs. The associated LCS %Rs met criteria for the affected VOCs, therefore, no corrective action was necessary.
- The %Rs were below the control limits for four SVOCs (2,4-dinitrophenol, 4,6-dinitro-2-methylphenol, benzoic acid, and hexachlorocyclopentadiene) in the MS for batch BG40409. The MSD %Rs were also below the control limits for the same SVOCs and for dibenzo(a,h)anthracene and fluoranthene. The associated LCS %Rs met criteria for the affected SVOCs (except for 2,4-dinitrophenol, 4,6-dinitro-2-methylphenol, and hexachlorocyclopentadiene); therefore, no corrective action was necessary for some of the SVOCs. The results for 2,4-dinitrophenol, 4,6-dinitro-2-methylphenol, and hexachlorocyclopentadiene were appropriately qualified.
- The %Rs were below the control limits for five SVOCs (2,3,4,6-tetrachlorophenol, 2,4-dinitrophenol, 4,6-dinitro-2-methylphenol, pentachlorophenol, and hexachlorocyclopentadiene) in the MS for batch BG40484 and the %Rs were above limits for benzoic acid and bis(2-chloroethyl)ether. The MSD %Rs were also below or above the control limits for the same SVOCs. The associated LCS %Rs met criteria for the all the affected SVOCs; therefore, no corrective action was necessary.
- The %Rs were outside the control limits for several metals (aluminum, antimony, calcium, iron, magnesium, potassium and sodium) in the MS for batch BG40593. A post-spike sample exhibited %Rs outside the control limits for some of the same metals (aluminum, calcium, iron, magnesium, and sodium). These exceedances likely resulted from the elevated levels of these metals in the site-specific sample relative to the level of the added spike. To further assess this issue a reference sample was run with spikes added at

levels that exceeded the levels in the site-specific sample. The results showed no %Rs above control limits. Based on these results, no corrective action was necessary.

Based on these results, except as noted above matrix-related effects have not significantly affected the analytical results.

Method blank (MB) samples were analyzed by the laboratory to evaluate the potential for cross-contamination associated with the sample preparation and analysis. The MB results did not show concentrations of analytes above their method detection limits and/or the reporting limits in any of the MB samples, except for the following:

- The VOC MB for batch BG40572 contained a low concentration of methylene chloride, a common lab contaminant. Methylene chloride was not detected in any of the associated samples and, therefore, no data qualifier was necessary or added.
- The SVOC phenanthrene was detected in the MB for batch BG40536. Phenanthrene was not detected in any of the associated samples and, therefore, no data qualifier was necessary or added.
- Potassium was detected in the MBs for batches BG40593 and BG40633. The potassium detections in the associated samples are B-qualified, indicating that they may result from laboratory contamination.

Based on these results, cross-contamination associated with sample preparation and analysis does not appear to present a concern except as noted above.

LCSs were used by the laboratory to verify the accuracy of the analyses. The LCS results were all within established guidelines, with the following exceptions:

- The %Rs were above the upper control limit for 1,2,3-trichlorobenzene and below the lower control limit for tetrachloroethene in the VOC LCS for batch BG40454. The LCSD %Rs also exceeded limits for the same VOCs and for naphthalene. The relative percent differences (RPDs) exceeded their limits for 1,4-dioxane, 2-butanone, and acrolein. The results for tetrachloroethene in the associated samples are flagged QL-02 to indicate that the LCS results were below limits .
- The %R was below the lower control limits for chloroethane, trichlorofluoromethane, and vinyl chloride in the VOC LCS for batch BG40572. The results for these VOCs in the associated soil samples are flagged QL-02 and may be biased low.
- The %Rs were below the lower control limits for 2,4-dinitrophenol, 4,6-dinitro-2-methylphenol, and hexachlorocyclopentadiene in the SVOC LCS for batch BG40409. As noted above, the MS and MSD %R were also outside limits. The results for these SVOCs in the associated samples are appropriately qualified.
- The %Rs were outside of control limits for the SVOCs benzoic acid, hexachloroethane, n-nitrosodimethylamine, and pentachlorophenol in LCSs for batch BG40536. The LCSD %R was also below the control limit for benzoic acid. The results for benzoic acid in the associated samples are flagged (QL-02) and may be biased low.
- The %R for sodium was above its control limit in the LCS for batch BG40633. Sodium was not detected in the associated samples and the data are reported.

Based on these results, the data do not appear to have been significantly affected by laboratory-related accuracy issues.

The laboratory performed initial calibration verifications (ICVs) and continuing calibration verifications (CCVs) for each sample run to verify that the results for each analyte were within

specified tolerances. In some instances analyte behavior was not typical; in these cases the reported value was appropriately qualified to indicate that it was estimated due to its behavior.

Questions and Responses as per DER-10

1. Is the data package complete as defined under the current requirements for the NYSDEC ASP Category B deliverables?

The data package is complete. The chain of custody form is present and complete. The case narrative and sample analysis summaries are present and complete. The analytical QA/QC summary information, including surrogate recoveries, LCS/LCSD data, MS/MSD data, and MB data are all present and complete.

2. Have all holding times been met?

All samples were received and analyzed within the EPA-recommended holding times for the analyses performed.

3. Do all the QC data: blanks, instrument tunings, calibration standards, calibration verifications, surrogate recoveries, spike recoveries, replicate analyses, laboratory controls and sample data, fall within the protocol-required limits and specifications?

No – Although the majority of QC data were found to fall within the protocol-required limits and specifications, minor exceptions were noted above; however, these exceptions do not appear to significantly affect the data set.

4. Have all of the data been generated using established agreed-upon analytical protocols?

Yes - all the data were generated using VOC Methods 5030B/8260D, SVOC Methods 3510C/3550C/8270D/8270D SIM, metals Methods 3050B/6010D, and mercury Methods 7473/7473 for soil.

5. Does an evaluation of the raw data confirm the results provided in the data summary sheets and quality control verification forms?

Yes – a representative number of data summary sheets were compared with the reported quality control data results to confirm that the reported analytical results (identification, quantification, and qualification) are substantiated.

6. Have the correct data qualifiers been used?

Yes – results analyzed for but not detected have been noted as ND, results for samples with associated MB detections are B-qualified, and results were J-qualified if detected between the Reporting Limit and the Method Detection Limit. No other qualifiers were indicated, although laboratory-specific qualifiers have been applied where appropriate.

7. Have any quality control (QC) exceedances been specifically noted in the DUSR and have the corresponding QC summary sheets from the data package been attached to the DUSR?

Yes – exceedances have been noted in the DUSR and the corresponding QC summary sheets are attached.

Conclusions

The soil samples were reported to have been collected in accordance with the NYSDEC-approved QAPP for this project. No field or laboratory conditions occurred that would result in non-valid analytical data other than as noted above. The data appear to be adequate for their intended purpose.

Attachments

S:\Dermody Consulting-Elka Chemical\Dusrs 2024\DUSR4\DUSR-SDG4-2024.Docx



SDG-4
back up

Technical Report

prepared for:

Dermody Consulting, Inc.
32 Chichester Ave., 2nd Floor
Center Moriches NY, 11934
Attention: Peter Dermody

Report Date: 08/28/2024
Client Project ID: Elka
York Project (SDG) No.: 24G0361

Stratford, CT Laboratory IDs:
NY:10854, NJ: CT005, PA: 68-0440, CT: PH-0723



Richmond Hill, NY Laboratory IDs:
NY:12058, NJ: NY037, CT: PH-0721, NH: 2097,
EPA: NY01600

120 RESEARCH DRIVE
www.YORKLAB.com

STRATFORD, CT 06615
(203) 325-1371



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

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 08/28/2024
Client Project ID: Elka
York Project (SDG) No.: 24G0361

Dermody Consulting, Inc.
32 Chichester Ave., 2nd Floor
Center Moriches NY, 11934
Attention: Peter Dermody

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 July 05, 2024 and listed below. The project was identified as your project: **Elka**.

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.

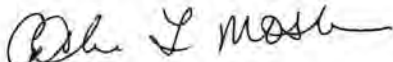
The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

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>
24G0361-01	SB-1 (6-12)	Soil	07/03/2024	07/05/2024
24G0361-02	SB-2 (6-12)	Soil	07/03/2024	07/05/2024
24G0361-03	SB-3 (6-12)	Soil	07/03/2024	07/05/2024
24G0361-04	SB-4 (6-12)	Soil	07/03/2024	07/05/2024
24G0361-05	SB-5 (6-12)	Soil	07/03/2024	07/05/2024
24G0361-06	SB-6 (6-12)	Soil	07/03/2024	07/05/2024
24G0361-07	SB-7 (6-12)	Soil	07/03/2024	07/05/2024
24G0361-08	SB-8 (6-12)	Soil	07/03/2024	07/05/2024
24G0361-09	SB-9 (6-12)	Soil	07/03/2024	07/05/2024
24G0361-10	SB-10 (6-12)	Soil	07/03/2024	07/05/2024
24G0361-11	TB-4	Water	07/03/2024	07/05/2024
24G0361-12	EB-4	Water	07/03/2024	07/05/2024

General Notes for York Project (SDG) No.: 24G0361

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, NJ Cert No. CT005, PA Cert No. 68-04440, CT Cert No. PH-0723; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058, NJ Cert No. NY037, CT Cert No. PH-0721, NH Cert No. 2097, EPA Cert No. NY01600.

Approved By: 
Cassie L. Mosher
Laboratory Manager

Date: 08/28/2024





Analytical Batch Summary

Batch ID: 7/15/2024 1:26:00 PM

Preparation Method: EPA SW846-7470A

Prepared By:

YORK Sample ID	Client Sample ID	Preparation Date
24G0361-12	EB-4	07/15/24

Batch ID: BG40409

Preparation Method: EPA 3550C

Prepared By: SAC

YORK Sample ID	Client Sample ID	Preparation Date
24G0361-04	SB-4 (6-12)	07/07/24
24G0361-05	SB-5 (6-12)	07/07/24
24G0361-06	SB-6 (6-12)	07/07/24
24G0361-07	SB-7 (6-12)	07/07/24
24G0361-08	SB-8 (6-12)	07/07/24
24G0361-09	SB-9 (6-12)	07/07/24
24G0361-09RE1	SB-9 (6-12)	07/07/24
24G0361-10	SB-10 (6-12)	07/07/24
24G0361-10RE1	SB-10 (6-12)	07/07/24
BG40409-BLK1	Blank	07/07/24
BG40409-BS1	LCS	07/07/24
BG40409-MS1	Matrix Spike	07/07/24
BG40409-MSD1	Matrix Spike Dup	07/07/24

Batch ID: BG40423

Preparation Method: % Solids Prep

Prepared By: HLY

YORK Sample ID	Client Sample ID	Preparation Date
24G0361-01	SB-1 (6-12)	07/08/24
24G0361-02	SB-2 (6-12)	07/08/24
24G0361-03	SB-3 (6-12)	07/08/24
24G0361-04	SB-4 (6-12)	07/08/24
24G0361-05	SB-5 (6-12)	07/08/24
24G0361-06	SB-6 (6-12)	07/08/24
24G0361-07	SB-7 (6-12)	07/08/24
24G0361-08	SB-8 (6-12)	07/08/24
BG40423-DUP1	Duplicate	07/08/24

Batch ID: BG40424

Preparation Method: % Solids Prep

Prepared By: HLY

YORK Sample ID	Client Sample ID	Preparation Date
24G0361-09	SB-9 (6-12)	07/08/24
24G0361-10	SB-10 (6-12)	07/08/24

Batch ID: BG40454

Preparation Method: EPA 5030B

Prepared By: FO

YORK Sample ID	Client Sample ID	Preparation Date
24G0361-11	TB-4	07/08/24
24G0361-12	EB-4	07/08/24



BG40454-BLK1	Blank	07/08/24
BG40454-BS1	LCS	07/08/24
BG40454-BSD1	LCS Dup	07/08/24
BG40454-LBK1	Leach Fluid Blank	07/08/24

Batch ID: BG40484 **Preparation Method:** EPA 3550C **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
24G0361-01	SB-1 (6-12)	07/08/24
24G0361-02	SB-2 (6-12)	07/08/24
24G0361-03	SB-3 (6-12)	07/08/24
BG40484-BLK1	Blank	07/08/24
BG40484-BS1	LCS	07/08/24
BG40484-MS1	Matrix Spike	07/08/24
BG40484-MSD1	Matrix Spike Dup	07/08/24

Batch ID: BG40535 **Preparation Method:** EPA 3015A **Prepared By:** DBT

YORK Sample ID	Client Sample ID	Preparation Date
24G0361-12	EB-4	07/09/24
BG40535-BLK1	Blank	07/09/24
BG40535-BS1	LCS	07/09/24
BG40535-DUP1	Duplicate	07/09/24
BG40535-MS1	Matrix Spike	07/09/24

Batch ID: BG40536 **Preparation Method:** EPA 3510C **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
24G0361-12	EB-4	07/09/24
BG40536-BLK1	Blank	07/09/24
BG40536-BLK2	Blank	07/09/24
BG40536-BS1	LCS	07/09/24
BG40536-BS2	LCS	07/09/24
BG40536-BSD1	LCS Dup	07/09/24

Batch ID: BG40572 **Preparation Method:** EPA 5035A **Prepared By:** FTR

YORK Sample ID	Client Sample ID	Preparation Date
24G0361-01	SB-1 (6-12)	07/10/24
24G0361-02	SB-2 (6-12)	07/10/24
24G0361-03	SB-3 (6-12)	07/10/24
24G0361-04	SB-4 (6-12)	07/10/24
24G0361-05	SB-5 (6-12)	07/10/24
24G0361-06	SB-6 (6-12)	07/10/24
24G0361-07	SB-7 (6-12)	07/10/24
24G0361-08	SB-8 (6-12)	07/10/24
24G0361-09	SB-9 (6-12)	07/10/24
24G0361-10	SB-10 (6-12)	07/10/24
BG40572-BLK1	Blank	07/10/24



BG40572-BS1	LCS	07/10/24
BG40572-MS1	Matrix Spike	07/10/24
BG40572-MSD1	Matrix Spike Dup	07/10/24

Batch ID: BG40589 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
24G0361-04	SB-4 (6-12)	07/09/24
24G0361-05	SB-5 (6-12)	07/09/24
24G0361-06	SB-6 (6-12)	07/09/24
24G0361-07	SB-7 (6-12)	07/09/24
24G0361-08	SB-8 (6-12)	07/09/24
24G0361-09	SB-9 (6-12)	07/09/24
24G0361-10	SB-10 (6-12)	07/09/24
BG40589-BLK1	Blank	07/09/24
BG40589-SRM1	Reference	07/09/24

Batch ID: BG40593 **Preparation Method:** EPA 3050B **Prepared By:** JEF

YORK Sample ID	Client Sample ID	Preparation Date
24G0361-01	SB-1 (6-12)	07/09/24
24G0361-02	SB-2 (6-12)	07/09/24
24G0361-03	SB-3 (6-12)	07/09/24
24G0361-04	SB-4 (6-12)	07/09/24
24G0361-05	SB-5 (6-12)	07/09/24
24G0361-06	SB-6 (6-12)	07/09/24
24G0361-07	SB-7 (6-12)	07/09/24
24G0361-08	SB-8 (6-12)	07/09/24
24G0361-09	SB-9 (6-12)	07/09/24
BG40593-BLK1	Blank	07/09/24
BG40593-DUP1	Duplicate	07/09/24
BG40593-MS1	Matrix Spike	07/09/24
BG40593-PS1	Post Spike	07/09/24
BG40593-SRM1	Reference	07/09/24

Batch ID: BG40633 **Preparation Method:** EPA 3015A **Prepared By:** AD2

YORK Sample ID	Client Sample ID	Preparation Date
24G0361-12	EB-4	07/10/24
BG40633-BLK1	Blank	07/10/24
BG40633-BS1	LCS	07/10/24

Batch ID: BG40662 **Preparation Method:** EPA 3050B **Prepared By:** JEF

YORK Sample ID	Client Sample ID	Preparation Date
24G0361-10	SB-10 (6-12)	07/10/24
BG40662-BLK1	Blank	07/10/24
BG40662-SRM1	Reference	07/10/24



Batch ID: BG40673 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
24G0361-01	SB-1 (6-12)	07/10/24
24G0361-02	SB-2 (6-12)	07/10/24
24G0361-03	SB-3 (6-12)	07/10/24
BG40673-BLK1	Blank	07/10/24
BG40673-DUP1	Duplicate	07/10/24
BG40673-MS1	Matrix Spike	07/10/24
BG40673-SRM1	Reference	07/10/24



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG40454 - EPA 5030B

Blank (BG40454-BLK1)

Prepared & Analyzed: 07/08/2024

Methylene chloride	0.450	2.00	ug/L
Naphthalene	ND	2.00	"
n-Butylbenzene	ND	0.500	"
n-Propylbenzene	ND	0.500	"
o-Xylene	ND	0.500	"
p- & m- Xylenes	ND	1.00	"
p-Diethylbenzene	ND	0.500	"
p-Ethyltoluene	ND	0.500	"
p-Isopropyltoluene	ND	0.500	"
sec-Butylbenzene	ND	0.500	"
Styrene	ND	0.500	"
tert-Butyl alcohol (TBA)	ND	1.00	"
tert-Butylbenzene	ND	0.500	"
Tetrachloroethylene	ND	0.500	"
Toluene	ND	0.500	"
trans-1,2-Dichloroethylene	ND	0.500	"
trans-1,3-Dichloropropylene	ND	0.500	"
Trichloroethylene	ND	0.500	"
Trichlorofluoromethane	ND	0.500	"
Vinyl Chloride	ND	0.500	"
Xylenes, Total	ND	1.50	"

Surrogate: SURR: 1,2-Dichloroethane-d4

10.2

"

10.0

102

69-130

Surrogate: SURR: Toluene-d8

10.1

"

10.0

101

81-117

Surrogate: SURR: p-Bromofluorobenzene

10.5

"

10.0

105

79-122

LCS (BG40454-BS1)

Prepared & Analyzed: 07/08/2024

1,1,1,2-Tetrachloroethane	10.7		ug/L	10.0	107	82-126
1,1,1-Trichloroethane	10.5		"	10.0	105	78-136
1,1,2,2-Tetrachloroethane	10.8		"	10.0	108	76-129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.7		"	10.0	107	54-165
1,1,2-Trichloroethane	10.5		"	10.0	105	82-123
1,1-Dichloroethane	10.2		"	10.0	102	82-129
1,1-Dichloroethylene	11.2		"	10.0	112	68-138
1,2,3-Trichlorobenzene	14.0		"	10.0	140	76-136
1,2,3-Trichloropropane	11.4		"	10.0	114	77-128
1,2,4-Trichlorobenzene	11.8		"	10.0	118	76-137
1,2,4-Trimethylbenzene	12.2		"	10.0	122	82-132
1,2-Dibromo-3-chloropropane	11.8		"	10.0	118	45-147
1,2-Dibromoethane	10.7		"	10.0	107	83-124
1,2-Dichlorobenzene	11.4		"	10.0	114	79-123
1,2-Dichloroethane	10.4		"	10.0	104	73-132
1,2-Dichloropropane	10.9		"	10.0	109	78-126
1,3,5-Trimethylbenzene	12.0		"	10.0	120	80-131
1,3-Dichlorobenzene	11.5		"	10.0	115	86-122
1,3-Dichloropropane	10.5		"	10.0	105	81-125
1,4-Dichlorobenzene	11.4		"	10.0	114	85-124
1,4-Dioxane	68.3		"	210	32.5	10-349
2-Butanone	5.85		"	10.0	58.5	49-152
2-Hexanone	9.06		"	10.0	90.6	51-146
4-Methyl-2-pentanone	9.80		"	10.0	98.0	57-145
Acetone	7.37		"	10.0	73.7	14-150

High Bias



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG40454 - EPA 5030B											
LCS (BG40454-BS1)						Prepared & Analyzed: 07/08/2024					
Acrolein	3.62		ug/L	10.0		36.2	10-153				
Acrylonitrile	9.87		"	10.0		98.7	51-150				
Benzene	10.7		"	10.0		107	85-126				
Bromochloromethane	9.85		"	10.0		98.5	77-128				
Bromodichloromethane	10.8		"	10.0		108	79-128				
Bromoform	9.85		"	10.0		98.5	78-133				
Bromomethane	6.88		"	10.0		68.8	43-168				
Carbon disulfide	10.6		"	10.0		106	68-146				
Carbon tetrachloride	10.4		"	10.0		104	77-141				
Chlorobenzene	11.1		"	10.0		111	88-120				
Chloroethane	10.5		"	10.0		105	65-136				
Chloroform	10.4		"	10.0		104	82-128				
Chloromethane	10.0		"	10.0		100	43-155				
cis-1,2-Dichloroethylene	10.4		"	10.0		104	83-129				
cis-1,3-Dichloropropylene	10.5		"	10.0		105	80-131				
Cyclohexane	10.1		"	10.0		101	63-149				
Dibromochloromethane	10.6		"	10.0		106	80-130				
Dibromomethane	10.7		"	10.0		107	72-134				
Dichlorodifluoromethane	13.2		"	10.0		132	44-144				
Ethyl Benzene	11.5		"	10.0		115	80-131				
Hexachlorobutadiene	10.9		"	10.0		109	67-146				
Isopropylbenzene	11.6		"	10.0		116	76-140				
Methyl acetate	9.94		"	10.0		99.4	51-139				
Methyl tert-butyl ether (MTBE)	9.35		"	10.0		93.5	76-135				
Methylcyclohexane	10.5		"	10.0		105	72-143				
Methylene chloride	10.1		"	10.0		101	55-137				
Naphthalene	12.8		"	10.0		128	70-147				
n-Butylbenzene	12.4		"	10.0		124	79-132				
n-Propylbenzene	11.7		"	10.0		117	78-133				
o-Xylene	11.2		"	10.0		112	78-130				
p- & m- Xylenes	22.6		"	20.0		113	77-133				
p-Diethylbenzene	12.2		"	10.0		122	84-134				
p-Ethyltoluene	11.7		"	10.0		117	88-129				
p-Isopropyltoluene	12.1		"	10.0		121	81-136				
sec-Butylbenzene	11.8		"	10.0		118	79-137				
Styrene	11.4		"	10.0		114	67-132				
tert-Butyl alcohol (TBA)	48.0		"	50.0		96.1	25-162				
tert-Butylbenzene	11.5		"	10.0		115	77-138				
Tetrachloroethylene	6.27		"	10.0		62.7	82-131	Low Bias			
Toluene	11.3		"	10.0		113	80-127				
trans-1,2-Dichloroethylene	10.8		"	10.0		108	80-132				
trans-1,3-Dichloropropylene	10.6		"	10.0		106	78-131				
Trichloroethylene	11.2		"	10.0		112	82-128				
Trichlorofluoromethane	10.7		"	10.0		107	67-139				
Vinyl Chloride	10.8		"	10.0		108	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	9.63		"	10.0		96.3	69-130				
Surrogate: SURR: Toluene-d8	10.1		"	10.0		101	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.3		"	10.0		103	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG40454 - EPA 5030B											
LCS Dup (BG40454-BSD1)						Prepared & Analyzed: 07/08/2024					
1,1,1,2-Tetrachloroethane	10.6		ug/L	10.0		106	82-126		1.22	30	
1,1,1-Trichloroethane	9.77		"	10.0		97.7	78-136		7.11	30	
1,1,2,2-Tetrachloroethane	11.6		"	10.0		116	76-129		7.08	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.95		"	10.0		99.5	54-165		7.17	30	
1,1,2-Trichloroethane	11.2		"	10.0		112	82-123		6.07	30	
1,1-Dichloroethane	9.67		"	10.0		96.7	82-129		5.14	30	
1,1-Dichloroethylene	10.3		"	10.0		103	68-138		7.93	30	
1,2,3-Trichlorobenzene	16.6		"	10.0		166	76-136	High Bias	17.5	30	
1,2,3-Trichloropropane	12.2		"	10.0		122	77-128		6.96	30	
1,2,4-Trichlorobenzene	12.4		"	10.0		124	76-137		4.70	30	
1,2,4-Trimethylbenzene	11.0		"	10.0		110	82-132		9.93	30	
1,2-Dibromo-3-chloropropane	13.5		"	10.0		135	45-147		14.2	30	
1,2-Dibromoethane	11.4		"	10.0		114	83-124		6.68	30	
1,2-Dichlorobenzene	11.1		"	10.0		111	79-123		3.20	30	
1,2-Dichloroethane	11.0		"	10.0		110	73-132		5.23	30	
1,2-Dichloropropane	10.8		"	10.0		108	78-126		1.20	30	
1,3,5-Trimethylbenzene	10.8		"	10.0		108	80-131		10.1	30	
1,3-Dichlorobenzene	10.9		"	10.0		109	86-122		5.25	30	
1,3-Dichloropropane	11.3		"	10.0		113	81-125		7.98	30	
1,4-Dichlorobenzene	10.9		"	10.0		109	85-124		4.85	30	
1,4-Dioxane	278		"	210		132	10-349		121	30	Non-dir.
2-Butanone	8.28		"	10.0		82.8	49-152		34.4	30	Non-dir.
2-Hexanone	10.6		"	10.0		106	51-146		16.0	30	
4-Methyl-2-pentanone	11.6		"	10.0		116	57-145		16.4	30	
Acetone	7.94		"	10.0		79.4	14-150		7.45	30	
Acrolein	2.09		"	10.0		20.9	10-153		53.6	30	Non-dir.
Acrylonitrile	12.1		"	10.0		121	51-150		20.4	30	
Benzene	10.2		"	10.0		102	85-126		5.06	30	
Bromochloromethane	10.1		"	10.0		101	77-128		2.70	30	
Bromodichloromethane	11.0		"	10.0		110	79-128		2.02	30	
Bromoform	10.9		"	10.0		109	78-133		9.94	30	
Bromomethane	7.11		"	10.0		71.1	43-168		3.29	30	
Carbon disulfide	9.69		"	10.0		96.9	68-146		9.25	30	
Carbon tetrachloride	9.67		"	10.0		96.7	77-141		6.99	30	
Chlorobenzene	10.8		"	10.0		108	88-120		3.20	30	
Chloroethane	9.82		"	10.0		98.2	65-136		6.50	30	
Chloroform	10.1		"	10.0		101	82-128		2.73	30	
Chloromethane	8.88		"	10.0		88.8	43-155		12.4	30	
cis-1,2-Dichloroethylene	10.1		"	10.0		101	83-129		2.92	30	
cis-1,3-Dichloropropylene	10.7		"	10.0		107	80-131		1.98	30	
Cyclohexane	9.37		"	10.0		93.7	63-149		7.20	30	
Dibromochloromethane	11.3		"	10.0		113	80-130		6.76	30	
Dibromomethane	11.6		"	10.0		116	72-134		8.01	30	
Dichlorodifluoromethane	12.1		"	10.0		121	44-144		8.85	30	
Ethyl Benzene	10.8		"	10.0		108	80-131		5.84	30	
Hexachlorobutadiene	10.1		"	10.0		101	67-146		7.82	30	
Isopropylbenzene	10.5		"	10.0		105	76-140		10.7	30	
Methyl acetate	11.0		"	10.0		110	51-139		9.85	30	
Methyl tert-butyl ether (MTBE)	10.4		"	10.0		104	76-135		10.5	30	
Methylcyclohexane	9.78		"	10.0		97.8	72-143		7.48	30	
Methylene chloride	10.2		"	10.0		102	55-137		0.888	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG40454 - EPA 5030B

LCS Dup (BG40454-BSD1)

Prepared & Analyzed: 07/08/2024

Naphthalene	15.4		ug/L	10.0	154	70-147	High Bias	18.1	30
n-Butylbenzene	11.1		"	10.0	111	79-132		10.5	30
n-Propylbenzene	10.4		"	10.0	104	78-133		11.1	30
o-Xylene	10.8		"	10.0	108	78-130		3.55	30
p- & m- Xylenes	21.3		"	20.0	106	77-133		5.88	30
p-Diethylbenzene	11.0		"	10.0	110	84-134		10.3	30
p-Ethyltoluene	10.6		"	10.0	106	88-129		10.2	30
p-Isopropyltoluene	10.8		"	10.0	108	81-136		11.3	30
sec-Butylbenzene	10.6		"	10.0	106	79-137		11.0	30
Styrene	11.2		"	10.0	112	67-132		1.95	30
tert-Butyl alcohol (TBA)	64.9		"	50.0	130	25-162		29.9	30
tert-Butylbenzene	10.3		"	10.0	103	77-138		10.6	30
Tetrachloroethylene	58.1		"	10.0	58.1	82-131	Low Bias	7.62	30
Toluene	10.7		"	10.0	107	80-127		5.00	30
trans-1,2-Dichloroethylene	10.0		"	10.0	100	80-132		7.12	30
trans-1,3-Dichloropropylene	11.2		"	10.0	112	78-131		5.58	30
Trichloroethylene	10.6		"	10.0	106	82-128		5.39	30
Trichlorofluoromethane	9.95		"	10.0	99.5	67-139		7.17	30
Vinyl Chloride	9.97		"	10.0	99.7	58-145		7.62	30
Surrogate: SURR: 1,2-Dichloroethane-d4	10.4		"	10.0	104	69-130			
Surrogate: SURR: Toluene-d8	10.1		"	10.0	101	81-117			
Surrogate: SURR: p-Bromofluorobenzene	9.89		"	10.0	98.9	79-122			

Leach Fluid Blank (BG40454-LBK1)

Prepared & Analyzed: 07/08/2024

1,1,1,2-Tetrachloroethane	ND	0.500	ug/L
1,1,1-Trichloroethane	ND	0.500	"
1,1,2,2-Tetrachloroethane	ND	0.500	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"
1,1,2-Trichloroethane	ND	0.500	"
1,1-Dichloroethane	ND	0.500	"
1,1-Dichloroethylene	ND	0.500	"
1,2,3-Trichlorobenzene	ND	0.500	"
1,2,3-Trichloropropane	ND	0.500	"
1,2,4-Trichlorobenzene	ND	0.500	"
1,2,4-Trimethylbenzene	ND	0.500	"
1,2-Dibromo-3-chloropropane	ND	0.500	"
1,2-Dibromoethane	ND	0.500	"
1,2-Dichlorobenzene	ND	0.500	"
1,2-Dichloroethane	ND	0.500	"
1,2-Dichloropropane	ND	0.500	"
1,3,5-Trimethylbenzene	ND	0.500	"
1,3-Dichlorobenzene	ND	0.500	"
1,3-Dichloropropane	ND	0.500	"
1,4-Dichlorobenzene	ND	0.500	"
1,4-Dioxane	ND	80.0	"
2-Butanone	ND	0.500	"
2-Hexanone	ND	0.500	"
4-Methyl-2-pentanone	ND	0.500	"
Acetone	5.97	2.00	"
Acrolein	ND	0.500	"
Acrylonitrile	ND	0.500	"



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG40572 - EPA 5035A

Blank (BG40572-BLK1)

Prepared & Analyzed: 07/10/2024

Isopropylbenzene	ND	0.0050	mg/kg wet
Methyl acetate	ND	0.0050	"
Methyl tert-butyl ether (MTBE)	ND	0.0050	"
Methylcyclohexane	ND	0.0050	"
Methylene chloride	0.0068	0.010	"
n-Butylbenzene	ND	0.0050	"
n-Propylbenzene	ND	0.0050	"
o-Xylene	ND	0.0050	"
p- & m- Xylenes	ND	0.010	"
p-Isopropyltoluene	ND	0.0050	"
sec-Butylbenzene	ND	0.0050	"
Styrene	ND	0.0050	"
tert-Butyl alcohol (TBA)	ND	0.0050	"
tert-Butylbenzene	ND	0.0050	"
Tetrachloroethylene	ND	0.0050	"
Toluene	ND	0.0050	"
trans-1,2-Dichloroethylene	ND	0.0050	"
trans-1,3-Dichloropropylene	ND	0.0050	"
Trichloroethylene	ND	0.0050	"
Trichlorofluoromethane	ND	0.0050	"
Vinyl acetate	ND	0.0050	"
Vinyl Chloride	ND	0.0050	"
Xylenes, Total	ND	0.015	"

Surrogate: SURRE: 1,2-Dichloroethane-d4	49.1	ug/L	50.0	98.2	77-125
Surrogate: SURRE: Toluene-d8	49.0	"	50.0	98.0	85-120
Surrogate: SURRE: p-Bromofluorobenzene	50.7	"	50.0	101	76-130

LCS (BG40572-BS1)

Prepared & Analyzed: 07/10/2024

1,1,1,2-Tetrachloroethane	48.2	ug/L	50.0	96.4	75-129
1,1,1-Trichloroethane	45.7	"	50.0	91.5	71-137
1,1,2,2-Tetrachloroethane	58.9	"	50.0	118	79-129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	43.2	"	50.0	86.5	58-146
1,1,2-Trichloroethane	53.5	"	50.0	107	83-123
1,1-Dichloroethane	48.9	"	50.0	97.8	75-130
1,1-Dichloroethylene	52.4	"	50.0	105	64-137
1,1-Dichloropropylene	47.9	"	50.0	95.9	77-127
1,2,3-Trichlorobenzene	61.2	"	50.0	122	81-140
1,2,3-Trichloropropane	54.4	"	50.0	109	81-126
1,2,4-Trichlorobenzene	61.2	"	50.0	122	80-141
1,2,4-Trimethylbenzene	54.5	"	50.0	109	84-125
1,2-Dibromo-3-chloropropane	56.6	"	50.0	113	74-142
1,2-Dibromoethane	57.4	"	50.0	115	86-123
1,2-Dichlorobenzene	51.9	"	50.0	104	85-122
1,2-Dichloroethane	48.8	"	50.0	97.6	71-133
1,2-Dichloropropane	58.8	"	50.0	118	81-122
1,3,5-Trimethylbenzene	54.4	"	50.0	109	82-126
1,3-Dichlorobenzene	52.2	"	50.0	104	84-124
1,3-Dichloropropane	56.9	"	50.0	114	83-123
1,4-Dichlorobenzene	52.6	"	50.0	105	84-124
1,4-Dioxane	1270	"	1050	121	10-228
2,2-Dichloropropane	46.6	"	50.0	93.2	67-136



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG40572 - EPA 5035A

LCS (BG40572-BS1)

Prepared & Analyzed: 07/10/2024

2-Butanone	53.0		ug/L	50.0		106	58-147				
2-Chlorotoluene	52.6		"	50.0		105	78-127				
2-Hexanone	62.2		"	50.0		124	70-139				
4-Chlorotoluene	54.3		"	50.0		109	79-125				
4-Methyl-2-pentanone	62.8		"	50.0		126	72-132				
Acetone	42.3		"	50.0		84.6	36-155				
Acrolein	39.1		"	50.0		78.2	10-238				
Acrylonitrile	58.7		"	50.0		117	66-141				
Benzene	49.5		"	50.0		99.0	77-127				
Bromobenzene	57.6		"	50.0		115	77-129				
Bromochloromethane	52.3		"	50.0		105	74-129				
Bromodichloromethane	53.9		"	50.0		108	81-124				
Bromoform	51.9		"	50.0		104	80-136				
Bromomethane	20.1		"	50.0		40.2	32-177				
Carbon disulfide	52.6		"	50.0		105	10-136				
Carbon tetrachloride	45.6		"	50.0		91.3	66-143				
Chlorobenzene	51.5		"	50.0		103	86-120				
Chloroethane	17.6		"	50.0		35.2	51-142	Low Bias			
Chloroform	47.7		"	50.0		95.4	76-131				
Chloromethane	42.4		"	50.0		84.8	49-132				
cis-1,2-Dichloroethylene	50.0		"	50.0		100	74-132				
cis-1,3-Dichloropropylene	53.6		"	50.0		107	81-129				
Cyclohexane	50.0		"	50.0		99.9	70-130				
Dibromochloromethane	52.8		"	50.0		106	10-200				
Dibromomethane	54.3		"	50.0		109	83-124				
Dichlorodifluoromethane	43.1		"	50.0		86.3	28-158				
Ethyl Benzene	53.5		"	50.0		107	84-125				
Hexachlorobutadiene	59.8		"	50.0		120	83-133				
Isopropylbenzene	53.9		"	50.0		108	81-127				
Methyl acetate	50.9		"	50.0		102	41-143				
Methyl tert-butyl ether (MTBE)	47.1		"	50.0		94.1	74-131				
Methylcyclohexane	52.0		"	50.0		104	70-130				
Methylene chloride	55.7		"	50.0		111	57-141				
n-Butylbenzene	53.0		"	50.0		106	80-130				
n-Propylbenzene	53.9		"	50.0		108	74-136				
o-Xylene	53.0		"	50.0		106	83-123				
p- & m- Xylenes	106		"	100		106	82-128				
p-Isopropyltoluene	53.1		"	50.0		106	85-125				
sec-Butylbenzene	52.7		"	50.0		105	83-125				
Styrene	52.7		"	50.0		105	86-126				
tert-Butyl alcohol (TBA)	240		"	250		96.0	70-130				
tert-Butylbenzene	52.2		"	50.0		104	80-127				
Tetrachloroethylene	47.4		"	50.0		94.8	80-129				
Toluene	53.2		"	50.0		106	85-121				
trans-1,2-Dichloroethylene	50.6		"	50.0		101	72-132				
trans-1,3-Dichloropropylene	51.6		"	50.0		103	78-132				
Trichloroethylene	53.8		"	50.0		108	84-123				
Trichlorofluoromethane	24.1		"	50.0		48.3	62-140	Low Bias			
Vinyl acetate	51.1		"	50.0		102	67-136				
Vinyl Chloride	16.9		"	50.0		33.7	52-130	Low Bias			
Surrogate: SURR: 1,2-Dichloroethane-d4	47.3		"	50.0		94.6	77-125				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG40572 - EPA 5035A

LCS (BG40572-BS1)

Prepared & Analyzed: 07/10/2024

Surrogate: SURR: Toluene-d8	50.0	ug/L	50.0	100	85-120
Surrogate: SURR: p-Bromofluorobenzene	53.2	"	50.0	106	76-130

Matrix Spike (BG40572-MS1)

*Source sample: 24G0361-01 (SB-1 (6-12))

Prepared & Analyzed: 07/10/2024

1,1,1,2-Tetrachloroethane	37.6	ug/L	50.0	0.00	75.2	15-161	
1,1,1-Trichloroethane	40.0	"	50.0	0.00	79.9	42-145	
1,1,2,2-Tetrachloroethane	9.77	"	50.0	0.00	19.5	16-167	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	34.9	"	50.0	0.00	69.7	11-160	
1,1,2-Trichloroethane	46.8	"	50.0	0.00	93.6	44-145	
1,1-Dichloroethane	45.5	"	50.0	0.00	91.1	46-142	
1,1-Dichloroethylene	46.9	"	50.0	0.00	93.8	30-153	
1,1-Dichloropropylene	40.7	"	50.0	0.00	81.4	40-133	
1,2,3-Trichlorobenzene	16.4	"	50.0	0.00	32.7	10-157	
1,2,3-Trichloropropane	46.9	"	50.0	0.00	93.9	38-155	
1,2,4-Trichlorobenzene	18.6	"	50.0	0.00	37.3	10-151	
1,2,4-Trimethylbenzene	33.6	"	50.0	0.00	67.2	10-170	
1,2-Dibromo-3-chloropropane	40.7	"	50.0	0.00	81.4	36-138	
1,2-Dibromoethane	48.2	"	50.0	0.00	96.4	40-142	
1,2-Dichlorobenzene	27.5	"	50.0	0.00	55.1	10-147	
1,2-Dichloroethane	44.1	"	50.0	0.00	88.2	48-133	
1,2-Dichloropropane	54.1	"	50.0	0.00	108	47-141	
1,3,5-Trimethylbenzene	34.2	"	50.0	0.00	68.4	10-150	
1,3-Dichlorobenzene	28.9	"	50.0	0.00	57.7	10-144	
1,3-Dichloropropane	49.8	"	50.0	0.00	99.7	43-142	
1,4-Dichlorobenzene	28.6	"	50.0	0.00	57.1	10-160	
1,4-Dioxane	1290	"	1050	0.00	122	10-191	
2,2-Dichloropropane	42.0	"	50.0	0.00	84.0	38-130	
2-Butanone	60.0	"	50.0	9.76	101	10-189	
2-Chlorotoluene	34.4	"	50.0	0.00	68.7	14-144	
2-Hexanone	57.9	"	50.0	0.00	116	10-181	
4-Chlorotoluene	34.5	"	50.0	0.00	69.0	15-138	
4-Methyl-2-pentanone	59.9	"	50.0	0.00	120	10-166	
Acetone	93.7	"	50.0	53.1	81.2	10-196	
Acrolein	4.37	"	50.0	0.00	8.74	10-192	Low Bias
Acrylonitrile	54.9	"	50.0	0.00	110	13-161	
Benzene	44.3	"	50.0	0.00	88.6	43-139	
Bromobenzene	39.8	"	50.0	0.00	79.5	23-142	
Bromochloromethane	48.3	"	50.0	0.00	96.5	38-145	
Bromodichloromethane	47.4	"	50.0	0.00	94.8	38-147	
Bromoform	37.9	"	50.0	0.00	75.9	29-156	
Bromomethane	19.2	"	50.0	0.00	38.5	10-166	
Carbon disulfide	43.0	"	50.0	0.00	86.0	10-131	
Carbon tetrachloride	38.0	"	50.0	0.00	76.0	35-145	
Chlorobenzene	38.6	"	50.0	0.00	77.3	21-154	
Chloroethane	17.6	"	50.0	0.00	35.2	15-160	
Chloroform	43.7	"	50.0	0.00	87.5	47-142	
Chloromethane	38.4	"	50.0	0.00	76.7	10-159	
cis-1,2-Dichloroethylene	45.3	"	50.0	0.00	90.6	42-144	
cis-1,3-Dichloropropylene	45.2	"	50.0	0.00	90.3	18-159	
Cyclohexane	38.1	"	50.0	0.00	76.1	70-130	
Dibromochloromethane	42.3	"	50.0	0.00	84.6	10-179	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG40572 - EPA 5035A											
Matrix Spike (BG40572-MS1)		*Source sample: 24G0361-01 (SB-1 (6-12))					Prepared & Analyzed: 07/10/2024				
Dibromomethane	48.8		ug/L	50.0	0.00	97.6	47-143				
Dichlorodifluoromethane	38.7		"	50.0	0.00	77.4	10-145				
Ethyl Benzene	40.3		"	50.0	0.00	80.6	11-158				
Hexachlorobutadiene	14.5		"	50.0	0.00	29.0	10-158				
Isopropylbenzene	38.1		"	50.0	0.00	76.3	10-162				
Methyl acetate	28.4		"	50.0	0.00	56.8	10-149				
Methyl tert-butyl ether (MTBE)	44.4		"	50.0	0.00	88.9	42-152				
Methylcyclohexane	32.1		"	50.0	0.00	64.2	70-130	Low Bias			
Methylene chloride	52.1		"	50.0	2.05	100	28-151				
n-Butylbenzene	24.3		"	50.0	0.00	48.6	10-162				
n-Propylbenzene	34.9		"	50.0	0.00	69.7	10-155				
o-Xylene	38.7		"	50.0	0.00	77.4	10-158				
p- & m- Xylenes	78.0		"	100	0.00	78.0	10-156				
p-Isopropyltoluene	28.7		"	50.0	0.00	57.4	10-147				
sec-Butylbenzene	28.8		"	50.0	0.00	57.6	10-157				
Styrene	37.1		"	50.0	0.00	74.1	13-171				
tert-Butyl alcohol (TBA)	246		"	250	0.00	98.3	34-179				
tert-Butylbenzene	31.9		"	50.0	0.00	63.9	10-160				
Tetrachloroethylene	35.2		"	50.0	0.00	70.4	30-167				
Toluene	45.2		"	50.0	0.00	90.5	21-160				
trans-1,2-Dichloroethylene	45.8		"	50.0	0.00	91.6	29-153				
trans-1,3-Dichloropropylene	41.7		"	50.0	0.00	83.4	18-155				
Trichloroethylene	73.5		"	50.0	0.00	147	24-169				
Trichlorofluoromethane	21.5		"	50.0	0.00	43.0	35-142				
Vinyl acetate	0.00		"	50.0	0.00		10-119	Low Bias			
Vinyl Chloride	16.5		"	50.0	0.00	33.0	12-160				
Surrogate: SURR: 1,2-Dichloroethane-d4	47.2		"	50.0		94.4	77-125				
Surrogate: SURR: Toluene-d8	50.9		"	50.0		102	85-120				
Surrogate: SURR: p-Bromofluorobenzene	55.2		"	50.0		110	76-130				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG40572 - EPA 5035A											
Matrix Spike Dup (BG40572-MSD1)		*Source sample: 24G0361-01 (SB-1 (6-12))					Prepared & Analyzed: 07/10/2024				
1,1,1,2-Tetrachloroethane	37.8		ug/L	50.0	0.00	75.6	15-161		0.530	33	
1,1,1-Trichloroethane	39.5		"	50.0	0.00	79.0	42-145		1.16	30	
1,1,2,2-Tetrachloroethane	21.8		"	50.0	0.00	43.6	16-167		76.2	56	Non-dir.
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	34.5		"	50.0	0.00	69.0	11-160		1.12	31	
1,1,2-Trichloroethane	46.1		"	50.0	0.00	92.2	44-145		1.53	40	
1,1-Dichloroethane	43.8		"	50.0	0.00	87.5	46-142		3.96	36	
1,1-Dichloroethylene	46.1		"	50.0	0.00	92.2	30-153		1.72	31	
1,1-Dichloropropylene	40.2		"	50.0	0.00	80.3	40-133		1.34	28	
1,2,3-Trichlorobenzene	17.1		"	50.0	0.00	34.2	10-157		4.60	47	
1,2,3-Trichloropropane	46.6		"	50.0	0.00	93.1	38-155		0.813	48	
1,2,4-Trichlorobenzene	19.4		"	50.0	0.00	38.7	10-151		3.74	52	
1,2,4-Trimethylbenzene	34.7		"	50.0	0.00	69.4	10-170		3.22	242	
1,2-Dibromo-3-chloropropane	39.8		"	50.0	0.00	79.6	36-138		2.26	54	
1,2-Dibromoethane	47.8		"	50.0	0.00	95.6	40-142		0.834	39	
1,2-Dichlorobenzene	29.0		"	50.0	0.00	58.0	10-147		5.20	52	
1,2-Dichloroethane	42.9		"	50.0	0.00	85.8	48-133		2.76	32	
1,2-Dichloropropane	52.4		"	50.0	0.00	105	47-141		3.10	37	
1,3,5-Trimethylbenzene	35.1		"	50.0	0.00	70.2	10-150		2.60	62	
1,3-Dichlorobenzene	30.0		"	50.0	0.00	60.0	10-144		3.91	51	
1,3-Dichloropropane	49.1		"	50.0	0.00	98.2	43-142		1.54	36	
1,4-Dichlorobenzene	29.9		"	50.0	0.00	59.7	10-160		4.52	52	
1,4-Dioxane	1460		"	1050	0.00	139	10-191		12.7	196	
2,2-Dichloropropane	41.1		"	50.0	0.00	82.3	38-130		2.09	31	
2-Butanone	49.6		"	50.0	9.95	79.3	10-189		19.0	67	
2-Chlorotoluene	35.2		"	50.0	0.00	70.4	14-144		2.41	49	
2-Hexanone	47.7		"	50.0	0.00	95.4	10-181		19.3	60	
4-Chlorotoluene	35.3		"	50.0	0.00	70.6	15-138		2.26	39	
4-Methyl-2-pentanone	54.8		"	50.0	0.00	110	10-166		8.91	47	
Acetone	67.1		"	50.0	54.1	26.0	10-196		33.1	150	
Acrolein	4.67		"	50.0	0.00	9.34	10-192	Low Bias	6.64	128	
Acrylonitrile	52.2		"	50.0	0.00	104	13-161		4.95	48	
Benzene	43.5		"	50.0	0.00	87.0	43-139		1.89	64	
Bromobenzene	40.7		"	50.0	0.00	81.3	23-142		2.21	44	
Bromochloromethane	46.6		"	50.0	0.00	93.3	38-145		3.43	30	
Bromodichloromethane	47.1		"	50.0	0.00	94.2	38-147		0.656	37	
Bromoform	38.2		"	50.0	0.00	76.4	29-156		0.683	51	
Bromomethane	19.0		"	50.0	0.00	37.9	10-166		1.36	42	
Carbon disulfide	41.5		"	50.0	0.00	83.0	10-131		3.57	36	
Carbon tetrachloride	37.8		"	50.0	0.00	75.6	35-145		0.501	31	
Chlorobenzene	39.0		"	50.0	0.00	78.0	21-154		0.927	32	
Chloroethane	16.3		"	50.0	0.00	32.5	15-160		8.03	40	
Chloroform	42.8		"	50.0	0.00	85.6	47-142		2.17	29	
Chloromethane	38.1		"	50.0	0.00	76.1	10-159		0.759	31	
cis-1,2-Dichloroethylene	43.9		"	50.0	0.00	87.8	42-144		3.14	30	
cis-1,3-Dichloropropylene	44.6		"	50.0	0.00	89.3	18-159		1.18	39	
Cyclohexane	37.3		"	50.0	0.00	74.5	70-130		2.15	30	
Dibromochloromethane	42.4		"	50.0	0.00	84.8	10-179		0.307	41	
Dibromomethane	47.4		"	50.0	0.00	94.9	47-143		2.81	41	
Dichlorodifluoromethane	36.7		"	50.0	0.00	73.4	10-145		5.31	34	
Ethyl Benzene	40.4		"	50.0	0.00	80.8	11-158		0.173	42	
Hexachlorobutadiene	14.7		"	50.0	0.00	29.3	10-158		1.24	45	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG40572 - EPA 5035A

Matrix Spike Dup (BG40572-MSD1)	*Source sample: 24G0361-01 (SB-1 (6-12))				Prepared & Analyzed: 07/10/2024					
Isopropylbenzene	38.5		ug/L	50.0	0.00	76.9	10-162	0.862	57	
Methyl acetate	32.8		"	50.0	0.00	65.7	10-149	14.5	64	
Methyl tert-butyl ether (MTBE)	43.5		"	50.0	0.00	86.9	42-152	2.23	47	
Methyleyclohexane	31.4		"	50.0	0.00	62.9	70-130	2.05	30	Low Bias
Methylene chloride	50.0		"	50.0	2.09	95.7	28-151	4.18	49	
n-Butylbenzene	24.8		"	50.0	0.00	49.6	10-162	1.91	96	
n-Propylbenzene	35.3		"	50.0	0.00	70.6	10-155	1.20	56	
o-Xylene	39.2		"	50.0	0.00	78.3	10-158	1.21	51	
p- & m- Xylenes	78.7		"	100	0.00	78.7	10-156	0.957	47	
p-Isopropyltoluene	29.2		"	50.0	0.00	58.3	10-147	1.66	60	
sec-Butylbenzene	29.3		"	50.0	0.00	58.6	10-157	1.65	56	
Styrene	37.6		"	50.0	0.00	75.2	13-171	1.45	39	
tert-Butyl alcohol (TBA)	249		"	250	0.00	99.6	34-179	1.33	35	
tert-Butylbenzene	32.5		"	50.0	0.00	65.1	10-160	1.89	79	
Tetrachloroethylene	34.6		"	50.0	0.00	69.3	30-167	1.57	33	
Toluene	44.5		"	50.0	0.00	89.1	21-160	1.56	50	
trans-1,2-Dichloroethylene	44.6		"	50.0	0.00	89.1	29-153	2.74	30	
trans-1,3-Dichloropropylene	41.6		"	50.0	0.00	83.2	18-155	0.192	30	
Trichloroethylene	63.6		"	50.0	0.00	127	24-169	14.5	30	
Trichlorofluoromethane	21.0		"	50.0	0.00	41.9	35-142	2.50	30	
Vinyl acetate	0.00		"	50.0	0.00		10-119		82	Low Bias
Vinyl Chloride	15.5		"	50.0	0.00	31.0	12-160	6.12	35	
Surrogate: SURR: 1,2-Dichloroethane-d4	47.1		"	50.0		94.2	77-125			
Surrogate: SURR: Toluene-d8	50.7		"	50.0		101	85-120			
Surrogate: SURR: p-Bromofluorobenzene	55.1		"	50.0		110	76-130			



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG40409 - EPA 3550C											
LCS (BG40409-BS1)						Prepared: 07/07/2024 Analyzed: 07/08/2024					
1,1-Biphenyl	0.699	0.0416	mg/kg wet	0.831		84.1	18-111				
1,2,4,5-Tetrachlorobenzene	0.478	0.0830	"	0.831		57.6	21-131				
1,2,4-Trichlorobenzene	0.460	0.0416	"	0.831		55.4	10-140				
1,2-Dichlorobenzene	0.447	0.0416	"	0.831		53.8	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.559	0.0416	"	0.831		67.3	17-137				
1,3-Dichlorobenzene	0.444	0.0416	"	0.831		53.4	33-110				
1,4-Dichlorobenzene	0.436	0.0416	"	0.831		52.5	32-104				
2,3,4,6-Tetrachlorophenol	0.637	0.0830	"	0.831		76.7	30-130				
2,4,5-Trichlorophenol	0.517	0.0416	"	0.831		62.3	27-118				
2,4,6-Trichlorophenol	0.542	0.0416	"	0.831		65.3	31-120				
2,4-Dichlorophenol	0.504	0.0416	"	0.831		60.6	20-127				
2,4-Dimethylphenol	0.341	0.0416	"	0.831		41.0	14-132				
2,4-Dinitrophenol	ND	0.0830	"	0.831			10-171	Low Bias			
2,4-Dinitrotoluene	0.389	0.0416	"	0.831		46.8	34-131				
2,6-Dinitrotoluene	0.439	0.0416	"	0.831		52.9	31-128				
2-Chloronaphthalene	0.480	0.0416	"	0.831		57.8	31-117				
2-Chlorophenol	0.505	0.0416	"	0.831		60.8	33-113				
2-Methylnaphthalene	0.502	0.0416	"	0.831		60.5	12-138				
2-Methylphenol	0.539	0.0416	"	0.831		64.9	10-136				
2-Nitroaniline	0.585	0.0830	"	0.831		70.5	27-132				
2-Nitrophenol	0.378	0.0416	"	0.831		45.6	17-129				
3- & 4-Methylphenols	0.464	0.0416	"	0.831		55.8	29-103				
3,3-Dichlorobenzidine	0.867	0.0416	"	0.831		104	22-149				
3-Nitroaniline	0.579	0.0830	"	0.831		69.7	20-133				
4,6-Dinitro-2-methylphenol	0.0472	0.0830	"	0.831		5.68	10-143	Low Bias			
4-Bromophenyl phenyl ether	0.483	0.0416	"	0.831		58.2	29-120				
4-Chloro-3-methylphenol	0.568	0.0416	"	0.831		68.4	24-129				
4-Chloroaniline	0.477	0.0416	"	0.831		57.5	10-132				
4-Chlorophenyl phenyl ether	0.466	0.0416	"	0.831		56.2	27-124				
4-Nitroaniline	0.612	0.0830	"	0.831		73.7	16-128				
4-Nitrophenol	0.590	0.0830	"	0.831		71.0	10-141				
Acenaphthene	0.450	0.0416	"	0.831		54.2	30-121				
Acenaphthylene	0.431	0.0416	"	0.831		51.8	30-115				
Acetophenone	0.656	0.0416	"	0.831		79.0	20-112				
Aniline	0.456	0.166	"	0.831		54.9	10-119				
Anthracene	0.459	0.0416	"	0.831		55.3	34-118				
Atrazine	0.626	0.0416	"	0.831		75.4	26-112				
Benzaldehyde	0.652	0.0416	"	0.831		78.5	21-100				
Benzo(a)anthracene	0.496	0.0416	"	0.831		59.8	32-122				
Benzo(a)pyrene	0.469	0.0416	"	0.831		56.4	29-133				
Benzo(b)fluoranthene	0.481	0.0416	"	0.831		57.9	25-133				
Benzo(g,h,i)perylene	0.487	0.0416	"	0.831		58.6	10-143				
Benzo(k)fluoranthene	0.483	0.0416	"	0.831		58.2	25-128				
Benzoic acid	0.374	0.0416	"	0.831		45.1	10-140				
Benzyl alcohol	0.478	0.0416	"	0.831		57.5	30-115				
Benzyl butyl phthalate	0.513	0.0416	"	0.831		61.8	26-126				
Bis(2-chloroethoxy)methane	0.512	0.0416	"	0.831		61.6	19-132				
Bis(2-chloroethyl)ether	0.498	0.0416	"	0.831		60.0	19-125				
Bis(2-chloroisopropyl)ether	0.460	0.0416	"	0.831		55.4	20-135				
Bis(2-ethylhexyl)phthalate	0.504	0.0416	"	0.831		60.7	10-155				
Caprolactam	0.719	0.0830	"	0.831		86.5	10-127				



Semivolatile Organic Compounds by GC/MS - Quality Control Data
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC Limits	Flag	RPD Limit	Flag
Batch BG40409 - EPA 3550C									
LCS (BG40409-BS1)					Prepared: 07/07/2024 Analyzed: 07/08/2024				
Carbazole	0.471	0.0416	mg/kg wet	0.831		56.7	35-123		
Chrysene	0.502	0.0416	"	0.831		60.5	32-123		
Dibenzo(a,h)anthracene	0.488	0.0416	"	0.831		58.8	10-136		
Dibenzofuran	0.467	0.0416	"	0.831		56.2	29-121		
Diethyl phthalate	0.466	0.0416	"	0.831		56.1	34-116		
Dimethyl phthalate	0.462	0.0416	"	0.831		55.6	35-124		
Di-n-butyl phthalate	0.487	0.0416	"	0.831		58.7	31-116		
Di-n-octyl phthalate	0.532	0.0416	"	0.831		64.0	26-136		
Fluoranthene	0.455	0.0416	"	0.831		54.8	33-122		
Fluorene	0.469	0.0416	"	0.831		56.5	29-123		
Hexachlorobenzene	0.512	0.0416	"	0.831		61.7	21-124		
Hexachlorobutadiene	0.468	0.0416	"	0.831		56.3	10-149		
Hexachlorocyclopentadiene	0.0422	0.0416	"	0.831		5.08	10-129	Low Bias	✓
Hexachloroethane	0.346	0.0416	"	0.831		41.6	28-108		
Indeno(1,2,3-cd)pyrene	0.604	0.0416	"	0.831		72.8	10-135		
Isophorone	0.516	0.0416	"	0.831		62.1	20-132		
Naphthalene	0.472	0.0416	"	0.831		56.9	23-124		
Nitrobenzene	0.513	0.0416	"	0.831		61.7	13-132		
N-Nitrosodimethylamine	0.461	0.0416	"	0.831		55.5	11-129		
N-nitroso-di-n-propylamine	0.484	0.0416	"	0.831		58.3	24-119		
N-Nitrosodiphenylamine	0.553	0.0416	"	0.831		66.6	22-152		
Pentachlorophenol	0.533	0.0416	"	0.831		64.1	10-139		
Phenanthrene	0.463	0.0416	"	0.831		55.8	33-123		
Phenol	0.539	0.0416	"	0.831		64.9	23-115		
Pyrene	0.469	0.0416	"	0.831		56.4	24-130		
Pyridine	0.290	0.166	"	0.831		34.9	10-91		
Surrogate: SURR: 2-Fluorophenol	1.17		"	1.66		70.6	20-108		
Surrogate: SURR: Phenol-d6	1.20		"	1.66		72.1	23-114		
Surrogate: SURR: Nitrobenzene-d5	0.613		"	0.831		73.8	22-108		
Surrogate: SURR: 2-Fluorobiphenyl	0.568		"	0.831		68.4	21-113		
Surrogate: SURR: 2,4,6-Tribromophenol	1.28		"	1.66		77.0	19-110		
Surrogate: SURR: Terphenyl-d14	0.575		"	0.831		69.2	24-116		



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG40409 - EPA 3550C											
Matrix Spike (BG40409-MS1)		*Source sample: 24G0361-05 (SB-5 (6-12))					Prepared: 07/07/2024 Analyzed: 07/08/2024				
1,1-Biphenyl	0.610	0.0905	mg/kg dry	0.904	ND	67.5	10-130				
1,2,4,5-Tetrachlorobenzene	0.419	0.181	"	0.904	ND	46.3	10-133				
1,2,4-Trichlorobenzene	0.432	0.0905	"	0.904	ND	47.8	10-127				
1,2-Dichlorobenzene	0.400	0.0905	"	0.904	ND	44.2	14-111				
1,2-Diphenylhydrazine (as Azobenzene)	0.473	0.0905	"	0.904	ND	52.3	10-144				
1,3-Dichlorobenzene	0.421	0.0905	"	0.904	ND	46.6	11-111				
1,4-Dichlorobenzene	0.412	0.0905	"	0.904	ND	45.6	10-106				
2,3,4,6-Tetrachlorophenol	0.516	0.181	"	0.904	ND	57.1	30-130				
2,4,5-Trichlorophenol	0.430	0.0905	"	0.904	ND	47.5	10-127				
2,4,6-Trichlorophenol	0.474	0.0905	"	0.904	ND	52.4	10-132				
2,4-Dichlorophenol	0.475	0.0905	"	0.904	ND	52.6	10-128				
2,4-Dimethylphenol	0.320	0.0905	"	0.904	ND	35.4	10-137				
2,4-Dinitrophenol	ND	0.181	"	0.904	ND		10-171	Low Bias			
2,4-Dinitrotoluene	0.293	0.0905	"	0.904	ND	32.4	16-135				
2,6-Dinitrotoluene	0.359	0.0905	"	0.904	ND	39.8	18-131				
2-Chloronaphthalene	0.449	0.0905	"	0.904	ND	49.7	10-129				
2-Chlorophenol	0.478	0.0905	"	0.904	ND	52.9	15-116				
2-Methylnaphthalene	0.448	0.0905	"	0.904	ND	49.6	10-147				
2-Methylphenol	0.480	0.0905	"	0.904	ND	53.1	10-136				
2-Nitroaniline	0.536	0.181	"	0.904	ND	59.3	10-137				
2-Nitrophenol	0.348	0.0905	"	0.904	ND	38.5	10-129				
3- & 4-Methylphenols	0.436	0.0905	"	0.904	ND	48.2	10-123				
3,3-Dichlorobenzidine	0.377	0.0905	"	0.904	ND	41.7	10-155				
3-Nitroaniline	0.471	0.181	"	0.904	ND	52.1	12-133				
4,6-Dinitro-2-methylphenol	ND	0.181	"	0.904	ND		10-155	Low Bias			
4-Bromophenyl phenyl ether	0.421	0.0905	"	0.904	ND	46.6	14-128				
4-Chloro-3-methylphenol	0.533	0.0905	"	0.904	ND	59.0	10-134				
4-Chloroaniline	0.375	0.0905	"	0.904	ND	41.5	10-145				
4-Chlorophenyl phenyl ether	0.431	0.0905	"	0.904	ND	47.7	14-130				
4-Nitroaniline	0.456	0.181	"	0.904	ND	50.5	10-147				
4-Nitrophenol	0.459	0.181	"	0.904	ND	50.8	10-137				
Acenaphthene	0.433	0.0905	"	0.904	ND	47.9	10-146				
Acenaphthylene	0.374	0.0905	"	0.904	ND	41.4	10-134				
Acetophenone	0.622	0.0905	"	0.904	ND	68.8	10-116				
Aniline	0.333	0.362	"	0.904	ND	36.9	10-123				
Anthracene	0.482	0.0905	"	0.904	0.0709	45.4	10-142				
Atrazine	0.573	0.0905	"	0.904	ND	63.4	19-115				
Benzaldehyde	0.599	0.0905	"	0.904	ND	66.2	10-125				
Benzo(a)anthracene	1.04	0.0905	"	0.904	0.577	50.8	10-158				
Benzo(a)pyrene	0.942	0.0905	"	0.904	0.660	31.1	10-180				
Benzo(b)fluoranthene	0.985	0.0905	"	0.904	0.667	35.1	10-200				
Benzo(g,h,i)perylene	0.860	0.0905	"	0.904	0.479	42.2	10-138				
Benzo(k)fluoranthene	0.913	0.0905	"	0.904	0.647	29.4	10-197				
Benzoic acid	0.0528	0.0905	"	0.904	ND	5.84	10-166	Low Bias			
Benzyl alcohol	0.433	0.0905	"	0.904	ND	47.9	12-124				
Benzyl butyl phthalate	0.481	0.0905	"	0.904	0.0485	47.8	10-154				
Bis(2-chloroethoxy)methane	0.445	0.0905	"	0.904	ND	49.3	10-132				
Bis(2-chloroethyl)ether	0.438	0.0905	"	0.904	ND	48.4	10-119				
Bis(2-chloroisopropyl)ether	0.438	0.0905	"	0.904	ND	48.4	10-139				
Bis(2-ethylhexyl)phthalate	0.686	0.0905	"	0.904	0.176	56.4	10-167				
Caprolactam	0.654	0.181	"	0.904	ND	72.4	10-132				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG40409 - EPA 3550C

Matrix Spike (BG40409-MS1)

*Source sample: 24G0361-05 (SB-5 (6-12))

Prepared: 07/07/2024 Analyzed: 07/08/2024

Carbazole	0.467	0.0905	mg/kg dry	0.904	0.0564	45.4	10-167			
Chrysene	1.09	0.0905	"	0.904	0.756	36.6	10-156			
Dibenzo(a,h)anthracene	0.531	0.0905	"	0.904	0.173	39.6	10-137			
Dibenzofuran	0.425	0.0905	"	0.904	ND	47.0	10-147			
Diethyl phthalate	0.445	0.0905	"	0.904	ND	49.3	20-120			
Dimethyl phthalate	0.395	0.0905	"	0.904	ND	43.7	18-131			
Di-n-butyl phthalate	0.440	0.0905	"	0.904	ND	48.7	10-137			
Di-n-octyl phthalate	0.492	0.0905	"	0.904	ND	54.5	10-180			
Fluoranthene	1.47	0.0905	"	0.904	1.15	35.4	10-160			
Fluorene	0.443	0.0905	"	0.904	ND	49.0	10-157			
Hexachlorobenzene	0.409	0.0905	"	0.904	ND	45.2	10-137			
Hexachlorobutadiene	0.427	0.0905	"	0.904	ND	47.2	10-132			
Hexachlorocyclopentadiene	ND	0.0905	"	0.904	ND		10-106	Low Bias		
Hexachloroethane	0.311	0.0905	"	0.904	ND	34.4	10-110			
Indeno(1,2,3-cd)pyrene	0.942	0.0905	"	0.904	0.513	47.4	10-144			
Isophorone	0.475	0.0905	"	0.904	ND	52.6	10-132			
Naphthalene	0.450	0.0905	"	0.904	ND	49.8	10-141			
Nitrobenzene	0.464	0.0905	"	0.904	ND	51.3	10-131			
N-Nitrosodimethylamine	0.421	0.0905	"	0.904	ND	46.6	10-126			
N-nitroso-di-n-propylamine	0.464	0.0905	"	0.904	ND	51.3	10-125			
N-Nitrosodiphenylamine	0.529	0.0905	"	0.904	ND	58.5	10-177			
Pentachlorophenol	0.384	0.0905	"	0.904	ND	42.5	10-153			
Phenanthrene	0.822	0.0905	"	0.904	0.421	44.3	10-148			
Phenol	0.500	0.0905	"	0.904	ND	55.3	10-126			
Pyrene	1.34	0.0905	"	0.904	1.07	29.9	10-165			
Pyridine	0.230	0.362	"	0.904	ND	25.4	10-83			
Surrogate: SURR: 2-Fluorophenol	1.08		"	1.81		60.0	20-108			
Surrogate: SURR: Phenol-d6	1.15		"	1.81		63.8	23-114			
Surrogate: SURR: Nitrobenzene-d5	0.597		"	0.904		66.1	22-108			
Surrogate: SURR: 2-Fluorobiphenyl	0.542		"	0.904		59.9	21-113			
Surrogate: SURR: 2,4,6-Tribromophenol	1.13		"	1.81		62.5	19-110			
Surrogate: SURR: Terphenyl-d14	0.595		"	0.904		65.8	24-116			



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG40409 - EPA 3550C											
Matrix Spike Dup (BG40409-MSD1)			*Source sample: 24G0361-05 (SB-5 (6-12))				Prepared: 07/07/2024 Analyzed: 07/08/2024				
1,1-Biphenyl	0.563	0.0905	mg/kg dry	0.904	ND	62.2	10-130		8.14	30	
1,2,4,5-Tetrachlorobenzene	0.375	0.181	"	0.904	ND	41.5	10-133		10.9	30	
1,2,4-Trichlorobenzene	0.357	0.0905	"	0.904	ND	39.5	10-127		18.9	30	
1,2-Dichlorobenzene	0.353	0.0905	"	0.904	ND	39.0	14-111		12.5	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.416	0.0905	"	0.904	ND	46.0	10-144		12.9	30	
1,3-Dichlorobenzene	0.344	0.0905	"	0.904	ND	38.0	11-111		20.2	30	
1,4-Dichlorobenzene	0.354	0.0905	"	0.904	ND	39.1	10-106		15.3	30	
2,3,4,6-Tetrachlorophenol	0.428	0.181	"	0.904	ND	47.4	30-130		18.7	30	
2,4,5-Trichlorophenol	0.395	0.0905	"	0.904	ND	43.7	10-127		8.42	30	
2,4,6-Trichlorophenol	0.440	0.0905	"	0.904	ND	48.7	10-132		7.28	30	
2,4-Dichlorophenol	0.398	0.0905	"	0.904	ND	44.1	10-128		17.5	30	
2,4-Dimethylphenol	0.279	0.0905	"	0.904	ND	30.9	10-137		13.5	30	
2,4-Dinitrophenol	ND	0.181	"	0.904	ND		10-171	Low Bias		30	
2,4-Dinitrotoluene	0.246	0.0905	"	0.904	ND	27.2	16-135		17.4	30	
2,6-Dinitrotoluene	0.299	0.0905	"	0.904	ND	33.1	18-131		18.2	30	
2-Chloronaphthalene	0.399	0.0905	"	0.904	ND	44.2	10-129		11.8	30	
2-Chlorophenol	0.412	0.0905	"	0.904	ND	45.6	15-116		14.8	30	
2-Methylnaphthalene	0.395	0.0905	"	0.904	ND	43.7	10-147		12.7	30	
2-Methylphenol	0.422	0.0905	"	0.904	ND	46.7	10-136		12.8	30	
2-Nitroaniline	0.507	0.181	"	0.904	ND	56.1	10-137		5.55	30	
2-Nitrophenol	0.261	0.0905	"	0.904	ND	28.9	10-129		28.5	30	
3- & 4-Methylphenols	0.370	0.0905	"	0.904	ND	40.9	10-123		16.5	30	
3,3-Dichlorobenzidine	0.322	0.0905	"	0.904	ND	35.6	10-155		15.7	30	
3-Nitroaniline	0.396	0.181	"	0.904	ND	43.8	12-133		17.2	30	
4,6-Dinitro-2-methylphenol	ND	0.181	"	0.904	ND		10-155	Low Bias		30	
4-Bromophenyl phenyl ether	0.393	0.0905	"	0.904	ND	43.5	14-128		6.75	30	
4-Chloro-3-methylphenol	0.456	0.0905	"	0.904	ND	50.5	10-134		15.5	30	
4-Chloroaniline	0.322	0.0905	"	0.904	ND	35.6	10-145		15.4	30	
4-Chlorophenyl phenyl ether	0.366	0.0905	"	0.904	ND	40.5	14-130		16.3	30	
4-Nitroaniline	0.419	0.181	"	0.904	ND	46.4	10-147		8.42	30	
4-Nitrophenol	0.372	0.181	"	0.904	ND	41.2	10-137		20.9	30	
Acenaphthene	0.379	0.0905	"	0.904	ND	41.9	10-146		13.4	30	
Acenaphthylene	0.361	0.0905	"	0.904	ND	39.9	10-134		3.54	30	
Acetophenone	0.523	0.0905	"	0.904	ND	57.8	10-116		17.3	30	
Aniline	0.300	0.362	"	0.904	ND	33.2	10-123		10.5	30	
Anthracene	0.427	0.0905	"	0.904	0.0709	39.4	10-142		12.1	30	
Atrazine	0.491	0.0905	"	0.904	ND	54.3	19-115		15.5	30	
Benzaldehyde	0.519	0.0905	"	0.904	ND	57.4	10-125		14.4	30	
Benzo(a)anthracene	0.808	0.0905	"	0.904	0.577	25.5	10-158		24.8	30	
Benzo(a)pyrene	0.896	0.0905	"	0.904	0.660	26.1	10-180		4.96	30	
Benzo(b)fluoranthene	0.945	0.0905	"	0.904	0.667	30.7	10-200		4.12	30	
Benzo(g,h,i)perylene	0.741	0.0905	"	0.904	0.479	29.0	10-138		14.8	30	
Benzo(k)fluoranthene	0.837	0.0905	"	0.904	0.647	21.0	10-197		8.68	30	
Benzoic acid	0.0564	0.0905	"	0.904	ND	6.24	10-166	Low Bias	6.62	30	
Benzyl alcohol	0.349	0.0905	"	0.904	ND	38.6	12-124		21.4	30	
Benzyl butyl phthalate	0.456	0.0905	"	0.904	0.0485	45.1	10-154		5.25	30	
Bis(2-chloroethoxy)methane	0.404	0.0905	"	0.904	ND	44.6	10-132		9.88	30	
Bis(2-chloroethyl)ether	0.404	0.0905	"	0.904	ND	44.6	10-119		8.08	30	
Bis(2-chloroisopropyl)ether	0.377	0.0905	"	0.904	ND	41.8	10-139		14.7	30	
Bis(2-ethylhexyl)phthalate	1.01	0.0905	"	0.904	0.176	91.8	10-167		37.8	30	Non-dir.
Caprolactam	0.568	0.181	"	0.904	ND	62.9	10-132		14.1	30	



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG40409 - EPA 3550C

Matrix Spike Dup (BG40409-MSD1)	*Source sample: 24G0361-05 (SB-5 (6-12))					Prepared: 07/07/2024 Analyzed: 07/08/2024					
Carbazole	0.412	0.0905	mg/kg dry	0.904	0.0564	39.4	10-167		12.5	30	
Chrysene	0.947	0.0905	"	0.904	0.756	21.0	10-156		13.9	30	
Dibenzo(a,h)anthracene	0.0868	0.0905	"	0.904	0.173	NR	10-137	Low Bias	144	30	Non-dir.
Dibenzofuran	0.390	0.0905	"	0.904	ND	43.1	10-147		8.70	30	
Diethyl phthalate	0.372	0.0905	"	0.904	ND	41.1	20-120		18.1	30	
Dimethyl phthalate	0.341	0.0905	"	0.904	ND	37.8	18-131		14.5	30	
Di-n-butyl phthalate	0.375	0.0905	"	0.904	ND	41.4	10-137		16.1	30	
Di-n-octyl phthalate	0.432	0.0905	"	0.904	ND	47.8	10-180		13.0	30	
Fluoranthene	1.22	0.0905	"	0.904	1.15	7.20	10-160	Low Bias	18.9	30	
Fluorene	0.401	0.0905	"	0.904	ND	44.3	10-157		9.95	30	
Hexachlorobenzene	0.415	0.0905	"	0.904	ND	45.9	10-137		1.58	30	
Hexachlorobutadiene	0.346	0.0905	"	0.904	ND	38.3	10-132		20.8	30	
Hexachlorocyclopentadiene	ND	0.0905	"	0.904	ND		10-106	Low Bias		30	
Hexachloroethane	0.252	0.0905	"	0.904	ND	27.8	10-110		21.1	30	
Indeno(1,2,3-cd)pyrene	0.871	0.0905	"	0.904	0.513	39.7	10-144		7.74	30	
Isophorone	0.390	0.0905	"	0.904	ND	43.1	10-132		19.7	30	
Naphthalene	0.387	0.0905	"	0.904	ND	42.8	10-141		15.0	30	
Nitrobenzene	0.402	0.0905	"	0.904	ND	44.5	10-131		14.2	30	
N-Nitrosodimethylamine	0.361	0.0905	"	0.904	ND	39.9	10-126		15.4	30	
N-nitroso-di-n-propylamine	0.398	0.0905	"	0.904	ND	44.1	10-125		15.1	30	
N-Nitrosodiphenylamine	0.445	0.0905	"	0.904	ND	49.2	10-177		17.2	30	
Pentachlorophenol	0.341	0.0905	"	0.904	ND	37.7	10-153		12.0	30	
Phenanthrene	0.695	0.0905	"	0.904	0.421	30.3	10-148		16.7	30	
Phenol	0.438	0.0905	"	0.904	ND	48.4	10-126		13.3	30	
Pyrene	1.20	0.0905	"	0.904	1.07	14.3	10-165		11.1	30	
Pyridine	0.224	0.362	"	0.904	ND	24.8	10-83		2.55	30	
Surrogate: SURR: 2-Fluorophenol	0.949		"	1.81		52.5	20-108				
Surrogate: SURR: Phenol-d6	1.01		"	1.81		56.0	23-114				
Surrogate: SURR: Nitrobenzene-d5	0.511		"	0.904		56.5	22-108				
Surrogate: SURR: 2-Fluorobiphenyl	0.491		"	0.904		54.3	21-113				
Surrogate: SURR: 2,4,6-Tribromophenol	1.06		"	1.81		58.6	19-110				
Surrogate: SURR: Terphenyl-d14	0.535		"	0.904		59.2	24-116				



Semivolatile Organic Compounds by GC/MS - Quality Control Data
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG40484 - EPA 3550C											
Matrix Spike (BG40484-MS1)		*Source sample: 24G0361-01 (SB-1 (6-12))					Prepared: 07/08/2024 Analyzed: 07/09/2024				
1,1-Biphenyl	0.810	0.0907	mg/kg dry	0.906	ND	89.4	10-130				
1,2,4,5-Tetrachlorobenzene	0.597	0.181	"	0.906	ND	65.9	10-133				
1,2,4-Trichlorobenzene	0.664	0.0907	"	0.906	ND	73.3	10-127				
1,2-Dichlorobenzene	0.575	0.0907	"	0.906	ND	63.5	14-111				
1,2-Diphenylhydrazine (as Azobenzene)	0.472	0.0907	"	0.906	ND	52.1	10-144				
1,3-Dichlorobenzene	0.580	0.0907	"	0.906	ND	64.0	11-111				
1,4-Dichlorobenzene	0.583	0.0907	"	0.906	ND	64.3	10-106				
2,3,4,6-Tetrachlorophenol	0.153	0.181	"	0.906	ND	16.9	30-130	Low Bias			
2,4,5-Trichlorophenol	0.546	0.0907	"	0.906	ND	60.2	10-127				
2,4,6-Trichlorophenol	0.347	0.0907	"	0.906	ND	38.3	10-132				
2,4-Dichlorophenol	0.659	0.0907	"	0.906	ND	72.7	10-128				
2,4-Dimethylphenol	0.442	0.0907	"	0.906	ND	48.8	10-137				
2,4-Dinitrophenol	ND	0.181	"	0.906	ND		10-171	Low Bias			
2,4-Dinitrotoluene	0.591	0.0907	"	0.906	ND	65.2	16-135				
2,6-Dinitrotoluene	0.637	0.0907	"	0.906	ND	70.3	18-131				
2-Chloronaphthalene	0.606	0.0907	"	0.906	ND	66.9	10-129				
2-Chlorophenol	0.591	0.0907	"	0.906	ND	65.3	15-116				
2-Methylnaphthalene	0.638	0.0907	"	0.906	ND	70.4	10-147				
2-Methylphenol	0.583	0.0907	"	0.906	ND	64.4	10-136				
2-Nitroaniline	0.620	0.181	"	0.906	ND	68.5	10-137				
2-Nitrophenol	0.598	0.0907	"	0.906	ND	66.0	10-129				
3- & 4-Methylphenols	0.551	0.0907	"	0.906	ND	60.8	10-123				
3,3-Dichlorobenzidine	0.597	0.0907	"	0.906	ND	65.9	10-155				
3-Nitroaniline	0.478	0.181	"	0.906	ND	52.7	12-133				
4,6-Dinitro-2-methylphenol	ND	0.181	"	0.906	ND		10-155	Low Bias			
4-Bromophenyl phenyl ether	0.639	0.0907	"	0.906	ND	70.6	14-128				
4-Chloro-3-methylphenol	0.636	0.0907	"	0.906	ND	70.2	10-134				
4-Chloroaniline	0.486	0.0907	"	0.906	ND	53.6	10-145				
4-Chlorophenyl phenyl ether	0.608	0.0907	"	0.906	ND	67.1	14-130				
4-Nitroaniline	0.522	0.181	"	0.906	ND	57.6	10-147				
4-Nitrophenol	0.212	0.181	"	0.906	ND	23.4	10-137				
Acenaphthene	0.633	0.0907	"	0.906	ND	69.9	10-146				
Acenaphthylene	0.556	0.0907	"	0.906	ND	61.4	10-134				
Acetophenone	0.666	0.0907	"	0.906	ND	73.5	10-116				
Aniline	0.804	0.363	"	0.906	ND	88.8	10-123				
Anthracene	0.649	0.0907	"	0.906	0.0558	65.4	10-142				
Atrazine	0.768	0.0907	"	0.906	ND	84.8	19-115				
Benzaldehyde	0.697	0.0907	"	0.906	ND	77.0	10-125				
Benzo(a)anthracene	0.855	0.0907	"	0.906	0.249	66.9	10-158				
Benzo(a)pyrene	0.797	0.0907	"	0.906	0.262	59.0	10-180				
Benzo(b)fluoranthene	0.893	0.0907	"	0.906	0.317	63.5	10-200				
Benzo(g,h,i)perylene	0.733	0.0907	"	0.906	0.214	57.4	10-138				
Benzo(k)fluoranthene	0.794	0.0907	"	0.906	0.244	60.7	10-197				
Benzoic acid	1.76	0.0907	"	0.906	ND	194	10-166	High Bias			
Benzyl alcohol	0.576	0.0907	"	0.906	ND	63.6	12-124				
Benzyl butyl phthalate	0.604	0.0907	"	0.906	0.0631	59.8	10-154				
Bis(2-chloroethoxy)methane	0.575	0.0907	"	0.906	ND	63.4	10-132				
Bis(2-chloroethyl)ether	1.21	0.0907	"	0.906	ND	133	10-119	High Bias			
Bis(2-chloroisopropyl)ether	0.436	0.0907	"	0.906	ND	48.1	10-139				
Bis(2-ethylhexyl)phthalate	0.611	0.0907	"	0.906	0.0638	60.4	10-167				
Caprolactam	0.806	0.181	"	0.906	ND	89.0	10-132				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG40484 - EPA 3550C

Matrix Spike (BG40484-MS1)

*Source sample: 24G0361-01 (SB-1 (6-12))

Prepared: 07/08/2024 Analyzed: 07/09/2024

Carbazole	0.647	0.0907	mg/kg dry	0.906	ND	71.4	10-167				
Chrysene	0.890	0.0907	"	0.906	0.312	63.8	10-156				
Dibenzo(a,h)anthracene	0.621	0.0907	"	0.906	0.0674	61.1	10-137				
Dibenzofuran	0.630	0.0907	"	0.906	ND	69.5	10-147				
Diethyl phthalate	0.552	0.0907	"	0.906	ND	61.0	20-120				
Dimethyl phthalate	0.553	0.0907	"	0.906	ND	61.0	18-131				
Di-n-butyl phthalate	0.583	0.0907	"	0.906	ND	64.4	10-137				
Di-n-octyl phthalate	0.570	0.0907	"	0.906	ND	63.0	10-180				
Fluoranthene	1.16	0.0907	"	0.906	0.604	61.2	10-160				
Fluorene	0.637	0.0907	"	0.906	ND	70.3	10-157				
Hexachlorobenzene	0.499	0.0907	"	0.906	ND	55.1	10-137				
Hexachlorobutadiene	0.612	0.0907	"	0.906	ND	67.6	10-132				
Hexachlorocyclopentadiene	0.0507	0.0907	"	0.906	ND	5.60	10-106	Low Bias			
Hexachloroethane	0.518	0.0907	"	0.906	ND	57.2	10-110				
Indeno(1,2,3-cd)pyrene	0.728	0.0907	"	0.906	0.178	60.7	10-144				
Isophorone	0.566	0.0907	"	0.906	ND	62.5	10-132				
Naphthalene	0.618	0.0907	"	0.906	ND	68.2	10-141				
Nitrobenzene	0.536	0.0907	"	0.906	ND	59.1	10-131				
N-Nitrosodimethylamine	0.456	0.0907	"	0.906	ND	50.3	10-126				
N-nitroso-di-n-propylamine	0.495	0.0907	"	0.906	ND	54.6	10-125				
N-Nitrosodiphenylamine	0.654	0.0907	"	0.906	ND	72.2	10-177				
Pentachlorophenol	0.0609	0.0907	"	0.906	ND	6.72	10-153	Low Bias			
Phenanthrene	0.839	0.0907	"	0.906	0.272	62.6	10-148				
Phenol	0.636	0.0907	"	0.906	ND	70.2	10-126				
Pyrene	1.04	0.0907	"	0.906	0.487	60.6	10-165				
Pyridine	0.251	0.363	"	0.906	ND	27.7	10-83				
Surrogate: SURR: 2-Fluorophenol	1.30		"	1.81		71.7	20-108				
Surrogate: SURR: Phenol-d6	1.35		"	1.81		74.4	23-114				
Surrogate: SURR: Nitrobenzene-d5	0.632		"	0.906		69.8	22-108				
Surrogate: SURR: 2-Fluorobiphenyl	0.684		"	0.906		75.5	21-113				
Surrogate: SURR: 2,4,6-Tribromophenol	0.996		"	1.81		55.0	19-110				
Surrogate: SURR: Terphenyl-d14	0.733		"	0.906		81.0	24-116				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG40484 - EPA 3550C											
Matrix Spike Dup (BG40484-MSD1) *Source sample: 24G0361-01 (SB-1 (6-12)) Prepared: 07/08/2024 Analyzed: 07/09/2024											
1,1-Biphenyl	0.707	0.0907	mg/kg dry	0.906	ND	78.0	10-130		13.7	30	
1,2,4,5-Tetrachlorobenzene	0.522	0.181	"	0.906	ND	57.6	10-133		13.5	30	
1,2,4-Trichlorobenzene	0.567	0.0907	"	0.906	ND	62.6	10-127		15.8	30	
1,2-Dichlorobenzene	0.504	0.0907	"	0.906	ND	55.6	14-111		13.3	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.409	0.0907	"	0.906	ND	45.2	10-144		14.1	30	
1,3-Dichlorobenzene	0.499	0.0907	"	0.906	ND	55.0	11-111		15.1	30	
1,4-Dichlorobenzene	0.508	0.0907	"	0.906	ND	56.1	10-106		13.7	30	
2,3,4,6-Tetrachlorophenol	0.107	0.181	"	0.906	ND	11.8	30-130	Low Bias	35.8	30	Non-dir.
2,4,5-Trichlorophenol	0.426	0.0907	"	0.906	ND	47.0	10-127		24.6	30	
2,4,6-Trichlorophenol	0.265	0.0907	"	0.906	ND	29.3	10-132		26.7	30	
2,4-Dichlorophenol	0.554	0.0907	"	0.906	ND	61.1	10-128		17.3	30	
2,4-Dimethylphenol	0.375	0.0907	"	0.906	ND	41.4	10-137		16.5	30	
2,4-Dinitrophenol	ND	0.181	"	0.906	ND		10-171	Low Bias		30	
2,4-Dinitrotoluene	0.496	0.0907	"	0.906	ND	54.7	16-135		17.5	30	
2,6-Dinitrotoluene	0.528	0.0907	"	0.906	ND	58.3	18-131		18.7	30	
2-Chloronaphthalene	0.528	0.0907	"	0.906	ND	58.2	10-129		13.8	30	
2-Chlorophenol	0.512	0.0907	"	0.906	ND	56.6	15-116		14.3	30	
2-Methylnaphthalene	0.596	0.0907	"	0.906	ND	65.8	10-147		6.82	30	
2-Methylphenol	0.504	0.0907	"	0.906	ND	55.6	10-136		14.7	30	
2-Nitroaniline	0.549	0.181	"	0.906	ND	60.6	10-137		12.3	30	
2-Nitrophenol	0.502	0.0907	"	0.906	ND	55.4	10-129		17.5	30	
3- & 4-Methylphenols	0.467	0.0907	"	0.906	ND	51.6	10-123		16.4	30	
3,3-Dichlorobenzidine	0.562	0.0907	"	0.906	ND	62.1	10-155		6.00	30	
3-Nitroaniline	0.457	0.181	"	0.906	ND	50.4	12-133		4.50	30	
4,6-Dinitro-2-methylphenol	ND	0.181	"	0.906	ND		10-155	Low Bias		30	
4-Bromophenyl phenyl ether	0.541	0.0907	"	0.906	ND	59.7	14-128		16.7	30	
4-Chloro-3-methylphenol	0.559	0.0907	"	0.906	ND	61.7	10-134		12.9	30	
4-Chloroaniline	0.435	0.0907	"	0.906	ND	48.0	10-145		11.0	30	
4-Chlorophenyl phenyl ether	0.541	0.0907	"	0.906	ND	59.7	14-130		11.7	30	
4-Nitroaniline	0.502	0.181	"	0.906	ND	55.4	10-147		3.82	30	
4-Nitrophenol	0.170	0.181	"	0.906	ND	18.7	10-137		22.1	30	
Acenaphthene	0.553	0.0907	"	0.906	ND	61.0	10-146		13.6	30	
Acenaphthylene	0.491	0.0907	"	0.906	ND	54.2	10-134		12.5	30	
Acetophenone	0.581	0.0907	"	0.906	ND	64.1	10-116		13.7	30	
Aniline	0.322	0.363	"	0.906	ND	35.5	10-123		85.7	30	Non-dir.
Anthracene	0.577	0.0907	"	0.906	0.0558	57.3	10-142		11.7	30	
Atrazine	0.652	0.0907	"	0.906	ND	71.9	19-115		16.4	30	
Benzaldehyde	0.594	0.0907	"	0.906	ND	65.6	10-125		15.9	30	
Benzo(a)anthracene	0.797	0.0907	"	0.906	0.249	60.4	10-158		7.11	30	
Benzo(a)pyrene	0.732	0.0907	"	0.906	0.262	51.8	10-180		8.44	30	
Benzo(b)fluoranthene	0.805	0.0907	"	0.906	0.317	53.8	10-200		10.3	30	
Benzo(g,h,i)perylene	0.666	0.0907	"	0.906	0.214	49.9	10-138		9.63	30	
Benzo(k)fluoranthene	0.745	0.0907	"	0.906	0.244	55.3	10-197		6.40	30	
Benzoic acid	1.53	0.0907	"	0.906	ND	169	10-166	High Bias	13.7	30	
Benzyl alcohol	0.494	0.0907	"	0.906	ND	54.5	12-124		15.4	30	
Benzyl butyl phthalate	0.519	0.0907	"	0.906	0.0631	50.3	10-154		15.2	30	
Bis(2-chloroethoxy)methane	0.496	0.0907	"	0.906	ND	54.7	10-132		14.8	30	
Bis(2-chloroethyl)ether	0.573	0.0907	"	0.906	ND	63.3	10-119		71.1	30	Non-dir.
Bis(2-chloroisopropyl)ether	0.370	0.0907	"	0.906	ND	40.8	10-139		16.4	30	
Bis(2-ethylhexyl)phthalate	0.546	0.0907	"	0.906	0.0638	53.2	10-167		11.3	30	
Caprolactam	0.696	0.181	"	0.906	ND	76.8	10-132		14.7	30	



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG40484 - EPA 3550C

Matrix Spike Dup (BG40484-MSD1)

*Source sample: 24G0361-01 (SB-1 (6-12))

Prepared: 07/08/2024 Analyzed: 07/09/2024

Carbazole	0.581	0.0907	mg/kg dry	0.906	ND	64.2	10-167		10.7	30
Chrysene	0.813	0.0907	"	0.906	0.312	55.4	10-156		9.02	30
Dibenzo(a,h)anthracene	0.565	0.0907	"	0.906	0.0674	54.9	10-137		9.54	30
Dibenzofuran	0.562	0.0907	"	0.906	ND	62.0	10-147		11.4	30
Diethyl phthalate	0.477	0.0907	"	0.906	ND	52.6	20-120		14.6	30
Dimethyl phthalate	0.468	0.0907	"	0.906	ND	51.7	18-131		16.6	30
Di-n-butyl phthalate	0.507	0.0907	"	0.906	ND	55.9	10-137		14.1	30
Di-n-octyl phthalate	0.508	0.0907	"	0.906	ND	56.1	10-180		11.6	30
Fluoranthene	1.12	0.0907	"	0.906	0.604	57.0	10-160		3.31	30
Fluorene	0.561	0.0907	"	0.906	ND	61.9	10-157		12.7	30
Hexachlorobenzene	0.434	0.0907	"	0.906	ND	47.9	10-137		14.0	30
Hexachlorobutadiene	0.550	0.0907	"	0.906	ND	60.7	10-132		10.7	30
Hexachlorocyclopentadiene	ND	0.0907	"	0.906	ND		10-106	Low Bias		30
Hexachloroethane	0.428	0.0907	"	0.906	ND	47.3	10-110		19.0	30
Indeno(1,2,3-cd)pyrene	0.668	0.0907	"	0.906	0.178	54.1	10-144		8.61	30
Isophorone	0.482	0.0907	"	0.906	ND	53.2	10-132		16.0	30
Naphthalene	0.531	0.0907	"	0.906	ND	58.6	10-141		15.2	30
Nitrobenzene	0.440	0.0907	"	0.906	ND	48.6	10-131		19.6	30
N-Nitrosodimethylamine	0.399	0.0907	"	0.906	ND	44.1	10-126		13.2	30
N-nitroso-di-n-propylamine	0.431	0.0907	"	0.906	ND	47.6	10-125		13.8	30
N-Nitrosodiphenylamine	0.580	0.0907	"	0.906	ND	64.0	10-177		12.1	30
Pentachlorophenol	ND	0.0907	"	0.906	ND		10-153	Low Bias		30
Phenanthrene	0.754	0.0907	"	0.906	0.272	53.3	10-148		10.6	30
Phenol	0.549	0.0907	"	0.906	ND	60.6	10-126		14.8	30
Pyrene	0.931	0.0907	"	0.906	0.487	49.0	10-165		10.7	30
Pyridine	0.225	0.363	"	0.906	ND	24.8	10-83		11.0	30
Surrogate: SURR: 2-Fluorophenol	1.14		"	1.81		62.9	20-108			
Surrogate: SURR: Phenol-d6	1.21		"	1.81		66.8	23-114			
Surrogate: SURR: Nitrobenzene-d5	0.568		"	0.906		62.7	22-108			
Surrogate: SURR: 2-Fluorobiphenyl	0.628		"	0.906		69.3	21-113			
Surrogate: SURR: 2,4,6-Tribromophenol	0.776		"	1.81		42.8	19-110			
Surrogate: SURR: Terphenyl-d14	0.662		"	0.906		73.0	24-116			



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG40536 - EPA 3510C

Blank (BG40536-BLK1)

Prepared: 07/09/2024 Analyzed: 07/10/2024

N-Nitrosodiphenylamine	ND	5.00	ug/L							
Phenol	ND	5.00	"							
Pyridine	ND	5.00	"							
Surrogate: SURR: 2-Fluorophenol	24.2		"	50.0		48.4	19.7-63.1			
Surrogate: SURR: Phenol-d6	12.7		"	50.0		25.3	10.1-41.7			
Surrogate: SURR: Nitrobenzene-d5	24.7		"	25.0		98.6	50.2-113			
Surrogate: SURR: 2-Fluorobiphenyl	22.4		"	25.0		89.8	39.9-105			
Surrogate: SURR: 2,4,6-Tribromophenol	57.4		"	50.0		115	39.3-151			
Surrogate: SURR: Terphenyl-d14	26.4		"	25.0		106	30.7-106			

Blank (BG40536-BLK2)

Prepared: 07/09/2024 Analyzed: 07/10/2024

Acenaphthene	ND	0.0500	ug/L
Acenaphthylene	ND	0.0500	"
Anthracene	ND	0.0500	"
Atrazine	ND	0.500	"
Benzo(a)anthracene	ND	0.0500	"
Benzo(a)pyrene	ND	0.0500	"
Benzo(b)fluoranthene	ND	0.0500	"
Benzo(g,h,i)perylene	ND	0.0500	"
Benzo(k)fluoranthene	ND	0.0500	"
Bis(2-ethylhexyl)phthalate	ND	0.500	"
Chrysene	ND	0.0500	"
Dibenzo(a,h)anthracene	ND	0.0500	"
Fluoranthene	ND	0.0500	"
Fluorene	ND	0.0500	"
Hexachlorobenzene	ND	0.0200	"
Hexachlorobutadiene	ND	0.500	"
Hexachloroethane	ND	0.500	"
Indeno(1,2,3-cd)pyrene	ND	0.0500	"
Naphthalene	ND	0.0500	"
Nitrobenzene	ND	0.250	"
N-Nitrosodimethylamine	ND	0.500	"
Pentachlorophenol	ND	0.250	"
Phenanthrene	0.0600	0.0500	"
Pyrene	ND	0.0500	"



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG40536 - EPA 3510C											
LCS (BG40536-BS1)						Prepared: 07/09/2024 Analyzed: 07/10/2024					
1,1-Biphenyl	16.9	5.00	ug/L	25.0		67.7	33-95				
1,2,4,5-Tetrachlorobenzene	12.7	5.00	"	25.0		50.7	26-120				
1,2,4-Trichlorobenzene	13.1	5.00	"	25.0		52.4	20-118				
1,2-Dichlorobenzene	12.0	5.00	"	25.0		48.0	29-111				
1,2-Diphenylhydrazine (as Azobenzene)	18.6	5.00	"	25.0		74.6	16-141				
1,3-Dichlorobenzene	11.4	5.00	"	25.0		45.4	23-117				
1,4-Dichlorobenzene	11.4	5.00	"	25.0		45.4	30-105				
2,3,4,6-Tetrachlorophenol	20.4	5.00	"	25.0		81.6	30-130				
2,4,5-Trichlorophenol	18.2	5.00	"	25.0		72.8	32-114				
2,4,6-Trichlorophenol	18.7	5.00	"	25.0		74.8	35-118				
2,4-Dichlorophenol	18.4	5.00	"	25.0		73.4	25-116				
2,4-Dimethylphenol	17.4	5.00	"	25.0		69.6	15-116				
2,4-Dinitrophenol	18.2	5.00	"	25.0		72.6	10-170				
2,4-Dinitrotoluene	20.2	5.00	"	25.0		80.6	41-128				
2,6-Dinitrotoluene	20.3	5.00	"	25.0		81.2	45-116				
2-Chloronaphthalene	16.0	5.00	"	25.0		64.0	33-112				
2-Chlorophenol	16.5	5.00	"	25.0		65.9	15-120				
2-Methylnaphthalene	16.2	5.00	"	25.0		64.9	24-118				
2-Methylphenol	13.9	5.00	"	25.0		55.5	10-110				
2-Nitroaniline	19.3	5.00	"	25.0		77.2	34-129				
2-Nitrophenol	20.5	5.00	"	25.0		81.9	28-118				
3- & 4-Methylphenols	10.9	5.00	"	25.0		43.7	10-107				
3,3-Dichlorobenzidine	14.2	5.00	"	25.0		56.8	15-187				
3-Nitroaniline	15.1	5.00	"	25.0		60.3	24-134				
4,6-Dinitro-2-methylphenol	23.8	5.00	"	25.0		95.3	10-153				
4-Bromophenyl phenyl ether	18.0	5.00	"	25.0		72.0	34-120				
4-Chloro-3-methylphenol	17.9	5.00	"	25.0		71.5	20-120				
4-Chloroaniline	12.6	5.00	"	25.0		50.5	10-147				
4-Chlorophenyl phenyl ether	16.7	5.00	"	25.0		67.0	27-121				
4-Nitroaniline	16.6	5.00	"	25.0		66.4	13-134				
4-Nitrophenol	6.45	5.00	"	25.0		25.8	10-131				
Acetophenone	18.9	5.00	"	25.0		75.5	25-110				
Aniline	19.0	5.00	"	25.0		76.1	10-117				
Benzaldehyde	18.7	5.00	"	25.0		74.6	29-117				
Benzoic acid	ND	5.00	"	25.0			30-130	Low Bias			
Benzyl alcohol	10.9	5.00	"	25.0		43.7	10-117				
Benzyl butyl phthalate	17.3	5.00	"	25.0		69.0	29-133				
Bis(2-chloroethoxy)methane	18.8	5.00	"	25.0		75.1	10-154				
Bis(2-chloroethyl)ether	27.4	5.00	"	25.0		110	17-125				
Bis(2-chloroisopropyl)ether	18.3	5.00	"	25.0		73.2	10-139				
Caprolactam	3.20	5.00	"	25.0		12.8	10-137				
Carbazole	17.2	5.00	"	25.0		68.6	42-126				
Dibenzofuran	16.8	5.00	"	25.0		67.3	36-113				
Diethyl phthalate	17.7	5.00	"	25.0		71.0	38-115				
Dimethyl phthalate	17.9	5.00	"	25.0		71.5	38-129				
Di-n-butyl phthalate	18.0	5.00	"	25.0		71.8	31-120				
Di-n-octyl phthalate	16.3	5.00	"	25.0		65.2	21-149				
Hexachlorocyclopentadiene	10.9	10.0	"	25.0		43.8	10-130				
Isophorone	19.2	5.00	"	25.0		77.0	25-127				
N-nitroso-di-n-propylamine	17.2	5.00	"	25.0		68.7	26-122				
N-Nitrosodiphenylamine	21.2	5.00	"	25.0		84.9	23-149				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG40536 - EPA 3510C

LCS (BG40536-BS1)

Prepared: 07/09/2024 Analyzed: 07/10/2024

Phenol	5.79	5.00	ug/L	25.0		23.2	10-110				
Pyridine	4.79	5.00	"	35.0		13.7	10-90				
Surrogate: SURR: 2-Fluorophenol	18.3		"	50.0		36.7	19.7-63.1				
Surrogate: SURR: Phenol-d6	10.4		"	50.0		20.7	10.1-41.7				
Surrogate: SURR: Nitrobenzene-d5	18.3		"	25.0		73.2	50.2-113				
Surrogate: SURR: 2-Fluorobiphenyl	16.8		"	25.0		67.1	39.9-105				
Surrogate: SURR: 2,4,6-Tribromophenol	43.1		"	50.0		86.2	39.3-151				
Surrogate: SURR: Terphenyl-d14	18.2		"	25.0		73.0	30.7-106				

LCS (BG40536-BS2)

Prepared: 07/09/2024 Analyzed: 07/10/2024

Acenaphthene	0.770	0.0500	ug/L	1.00		77.0	25-116				
Acenaphthylene	1.08	0.0500	"	1.00		108	26-116				
Anthracene	0.490	0.0500	"	1.00		49.0	25-123				
Benzo(a)anthracene	0.920	0.0500	"	1.00		92.0	33-125				
Benzo(a)pyrene	0.660	0.0500	"	1.00		66.0	32-132				
Benzo(b)fluoranthene	1.07	0.0500	"	1.00		107	22-137				
Benzo(g,h,i)perylene	0.970	0.0500	"	1.00		97.0	10-138				
Benzo(k)fluoranthene	1.05	0.0500	"	1.00		105	20-137				
Bis(2-ethylhexyl)phthalate	1.56	0.500	"	1.00		156	10-189				
Chrysene	0.900	0.0500	"	1.00		90.0	32-124				
Dibenzo(a,h)anthracene	0.930	0.0500	"	1.00		93.0	16-133				
Fluoranthene	1.20	0.0500	"	1.00		120	32-121				
Fluorene	1.01	0.0500	"	1.00		101	28-118				
Hexachlorobenzene	1.19	0.0200	"	1.00		119	23-124				
Hexachlorobutadiene	0.950	0.500	"	1.00		95.0	15-123				
Hexachloroethane	5.25	0.500	"	1.00		525	18-115	High Bias			
Indeno(1,2,3-cd)pyrene	0.860	0.0500	"	1.00		86.0	15-135				
Naphthalene	0.860	0.0500	"	1.00		86.0	18-120				
Nitrobenzene	0.740	0.250	"	1.00		74.0	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	2.07	0.250	"	1.00		207	10-156	High Bias			
Phenanthrene	0.900	0.0500	"	1.00		90.0	24-127				
Pyrene	0.930	0.0500	"	1.00		93.0	31-132				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG40536 - EPA 3510C											
LCS Dup (BG40536-BSD1)											
Prepared: 07/09/2024 Analyzed: 07/10/2024											
1,1-Biphenyl	24.9	5.00	ug/L	25.0		99.5	33-95	High Bias	38.0	20	Non-dir.
1,2,4,5-Tetrachlorobenzene	18.8	5.00	"	25.0		75.1	26-120		38.8	20	Non-dir.
1,2,4-Trichlorobenzene	19.4	5.00	"	25.0		77.4	20-118		38.6	20	Non-dir.
1,2-Dichlorobenzene	17.6	5.00	"	25.0		70.3	29-111		37.7	20	Non-dir.
1,2-Diphenylhydrazine (as Azobenzene)	27.0	5.00	"	25.0		108	16-141		36.8	20	Non-dir.
1,3-Dichlorobenzene	16.7	5.00	"	25.0		66.9	23-117		38.3	20	Non-dir.
1,4-Dichlorobenzene	16.7	5.00	"	25.0		66.9	30-105		38.3	20	Non-dir.
2,3,4,6-Tetrachlorophenol	29.5	5.00	"	25.0		118	30-130		36.3	20	Non-dir.
2,4,5-Trichlorophenol	26.7	5.00	"	25.0		107	32-114		38.0	20	Non-dir.
2,4,6-Trichlorophenol	27.2	5.00	"	25.0		109	35-118		37.0	20	Non-dir.
2,4-Dichlorophenol	26.1	5.00	"	25.0		104	25-116		34.8	20	Non-dir.
2,4-Dimethylphenol	25.1	5.00	"	25.0		100	15-116		36.2	20	Non-dir.
2,4-Dinitrophenol	26.8	5.00	"	25.0		107	10-170		38.6	20	Non-dir.
2,4-Dinitrotoluene	29.3	5.00	"	25.0		117	41-128		36.9	20	Non-dir.
2,6-Dinitrotoluene	29.6	5.00	"	25.0		119	45-116	High Bias	37.4	20	Non-dir.
2-Chloronaphthalene	23.6	5.00	"	25.0		94.2	33-112		38.2	20	Non-dir.
2-Chlorophenol	23.5	5.00	"	25.0		93.9	15-120		35.1	20	Non-dir.
2-Methylnaphthalene	23.3	5.00	"	25.0		93.3	24-118		35.9	20	Non-dir.
2-Methylphenol	20.1	5.00	"	25.0		80.5	10-110		36.8	20	Non-dir.
2-Nitroaniline	28.6	5.00	"	25.0		114	34-129		38.9	20	Non-dir.
2-Nitrophenol	29.6	5.00	"	25.0		118	28-118		36.4	20	Non-dir.
3- & 4-Methylphenols	15.7	5.00	"	25.0		62.8	10-107		35.8	20	Non-dir.
3,3-Dichlorobenzidine	21.6	5.00	"	25.0		86.5	15-187		41.5	20	Non-dir.
3-Nitroaniline	23.7	5.00	"	25.0		94.8	24-134		44.5	20	Non-dir.
4,6-Dinitro-2-methylphenol	36.2	5.00	"	25.0		145	10-153		41.3	20	Non-dir.
4-Bromophenyl phenyl ether	26.2	5.00	"	25.0		105	34-120		37.3	20	Non-dir.
4-Chloro-3-methylphenol	25.2	5.00	"	25.0		101	20-120		34.2	20	Non-dir.
4-Chloroaniline	19.8	5.00	"	25.0		79.1	10-147		44.1	20	Non-dir.
4-Chlorophenyl phenyl ether	24.0	5.00	"	25.0		95.8	27-121		35.4	20	Non-dir.
4-Nitroaniline	24.3	5.00	"	25.0		97.1	13-134		37.5	20	Non-dir.
4-Nitrophenol	10.3	5.00	"	25.0		41.1	10-131		45.8	20	Non-dir.
Acetophenone	26.2	5.00	"	25.0		105	25-110		32.6	20	Non-dir.
Aniline	29.4	5.00	"	25.0		118	10-117	High Bias	42.9	20	Non-dir.
Benzaldehyde	25.8	5.00	"	25.0		103	29-117		32.3	20	Non-dir.
Benzoic acid	3.63	5.00	"	25.0		14.5	30-130	Low Bias	45.7	20	Non-dir.
Benzyl alcohol	16.0	5.00	"	25.0		64.2	10-117		38.0	20	Non-dir.
Benzyl butyl phthalate	26.0	5.00	"	25.0		104	29-133		40.6	20	Non-dir.
Bis(2-chloroethoxy)methane	26.2	5.00	"	25.0		105	10-154		33.2	20	Non-dir.
Bis(2-chloroethyl)ether	42.4	5.00	"	25.0		170	17-125	High Bias	42.9	20	Non-dir.
Bis(2-chloroisopropyl)ether	25.6	5.00	"	25.0		102	10-139		33.0	20	Non-dir.
Caprolactam	5.20	5.00	"	25.0		20.8	10-137		47.6	20	Non-dir.
Carbazole	25.2	5.00	"	25.0		101	42-126		37.9	20	Non-dir.
Dibenzofuran	24.4	5.00	"	25.0		97.6	36-113		36.7	20	Non-dir.
Diethyl phthalate	25.7	5.00	"	25.0		103	38-115		36.5	20	Non-dir.
Dimethyl phthalate	25.7	5.00	"	25.0		103	38-129		35.8	20	Non-dir.
Di-n-butyl phthalate	26.6	5.00	"	25.0		106	31-120		38.9	20	Non-dir.
Di-n-octyl phthalate	25.0	5.00	"	25.0		99.8	21-149		42.0	20	Non-dir.
Hexachlorocyclopentadiene	17.0	10.0	"	25.0		68.2	10-130		43.6	20	Non-dir.
Isophorone	27.0	5.00	"	25.0		108	25-127		33.6	20	Non-dir.
N-nitroso-di-n-propylamine	23.9	5.00	"	25.0		95.5	26-122		32.7	20	Non-dir.
N-Nitrosodiphenylamine	30.5	5.00	"	25.0		122	23-149		36.0	20	Non-dir.



Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG40593 - EPA 3050B

Blank (BG40593-BLK1)

Prepared: 07/09/2024 Analyzed: 07/10/2024

Aluminum	ND	4.17	mg/kg wet
Antimony	ND	2.08	"
Arsenic	ND	1.25	"
Barium	ND	2.08	"
Beryllium	ND	0.042	"
Cadmium	ND	0.250	"
Calcium	ND	4.17	"
Chromium	ND	0.417	"
Cobalt	ND	0.333	"
Copper	ND	1.67	"
Iron	ND	20.8	"
Lead	ND	0.417	"
Magnesium	ND	4.17	"
Manganese	ND	0.417	"
Nickel	ND	0.830	"
Potassium	14.6	4.17	"
Selenium	ND	2.08	"
Silver	ND	0.420	"
Sodium	ND	41.7	"
Thallium	ND	2.08	"
Vanadium	ND	0.830	"
Zinc	ND	2.08	"

Duplicate (BG40593-DUP1)

*Source sample: 24G0361-01 (SB-1 (6-12))

Prepared: 07/09/2024 Analyzed: 07/10/2024

Aluminum	7560	4.56	mg/kg dry	7060	6.86	35
Antimony	ND	2.28	"	ND		35
Arsenic	6.48	1.37	"	6.57	1.26	35
Barium	41.0	2.28	"	38.3	6.83	35
Beryllium	ND	0.046	"	ND		35
Cadmium	ND	0.274	"	ND		35
Calcium	40700	4.56	"	42800	5.11	35
Chromium	16.3	0.456	"	17.4	6.39	35
Cobalt	5.60	0.364	"	4.60	19.7	35
Copper	27.5	1.82	"	24.8	10.5	35
Iron	10800	22.8	"	8640	22.6	35
Lead	34.4	0.456	"	37.5	8.42	35
Magnesium	4190	4.56	"	4060	3.10	35
Manganese	147	0.456	"	144	1.95	35
Nickel	8.03	0.908	"	7.72	3.82	35
Potassium	780	4.56	"	692	12.0	35
Selenium	ND	2.28	"	ND		35
Silver	ND	0.460	"	ND		35
Sodium	169	45.6	"	171	1.35	35
Thallium	ND	2.28	"	ND		35
Vanadium	21.9	0.908	"	19.2	13.1	35
Zinc	50.3	2.27	"	52.7	4.66	35



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

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG40593 - EPA 3050B

Matrix Spike (BG40593-MS1)		*Source sample: 24G0361-01 (SB-1 (6-12))				Prepared: 07/09/2024 Analyzed: 07/10/2024					
Aluminum	7490	4.56	mg/kg dry	182	7060	237	75-125	High Bias			
Antimony	7.52	2.28	"	22.8	ND	33.0	75-125	Low Bias			
Arsenic	184	1.37	"	182	6.57	97.5	75-125				
Barium	220	2.28	"	182	38.3	99.5	75-125				
Beryllium	4.51	0.046	"	4.56	ND	98.8	75-125				
Cadmium	4.34	0.274	"	4.56	ND	95.2	75-125				
Calcium	53300	4.56	"	91.2	42800	NR	75-125	High Bias			
Chromium	34.2	0.456	"	18.2	17.4	92.0	75-125				
Cobalt	49.5	0.364	"	45.6	4.60	98.5	75-125				
Copper	51.8	1.82	"	22.8	24.8	119	75-125				
Iron	9660	22.8	"	91.2	8640	NR	75-125	High Bias			
Lead	78.6	0.456	"	45.6	37.5	90.1	75-125				
Magnesium	3660	4.56	"	91.2	4060	NR	75-125	Low Bias			
Manganese	190	0.456	"	45.6	144	100	75-125				
Nickel	51.2	0.908	"	45.6	7.72	95.3	75-125				
Potassium	821	4.56	"	91.2	692	142	75-125	High Bias			
Selenium	178	2.28	"	182	ND	97.7	75-125				
Silver	4.80	0.460	"	4.56	ND	105	75-125				
Sodium	445	45.6	"	91.2	171	300	75-125	High Bias			
Thallium	173	2.28	"	182	ND	95.0	75-125				
Vanadium	67.0	0.908	"	45.6	19.2	105	75-125				
Zinc	92.4	2.27	"	45.6	52.7	87.0	75-125				

Post Spike (BG40593-PS1)		*Source sample: 24G0361-01 (SB-1 (6-12))				Prepared: 07/09/2024 Analyzed: 07/10/2024					
Aluminum	78.3		ug/mL	2.00	77.4	45.6	75-125	Low Bias			
Antimony	0.257		"	0.250	-0.003	103	75-125				
Arsenic	2.03		"	2.00	0.072	97.9	75-125				
Barium	2.39		"	2.00	0.420	98.7	75-125				
Beryllium	0.050		"	0.0500	-0.0001	99.2	75-125				
Cadmium	0.048		"	0.0500	0.002	91.0	75-125				
Calcium	463		"	1.00	469	NR	75-125	Low Bias			
Chromium	0.383		"	0.200	0.191	96.4	75-125				
Cobalt	0.539		"	0.500	0.050	97.8	75-125				
Copper	0.354		"	0.250	0.271	113	75-125				
Iron	94.2		"	1.00	94.7	NR	75-125	Low Bias			
Lead	0.884		"	0.500	0.411	94.7	75-125				
Magnesium	44.9		"	1.00	44.5	39.2	75-125	Low Bias			
Manganese	2.05		"	0.500	1.58	93.7	75-125				
Nickel	0.562		"	0.500	0.085	95.4	75-125				
Potassium	8.41		"	1.00	7.58	83.0	75-125				
Selenium	1.98		"	2.00	0.009	98.4	75-125				
Silver	0.057		"	0.0500	0.0005	112	75-125				
Sodium	4.45		"	1.00	1.88	258	75-125	High Bias			
Thallium	1.92		"	2.00	-0.001	95.8	75-125				
Vanadium	0.716		"	0.500	0.211	101	75-125				
Zinc	1.02		"	0.500	0.578	87.7	75-125				



Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG40593 - EPA 3050B

Reference (BG40593-SRM1)

Prepared: 07/09/2024 Analyzed: 07/10/2024

Aluminum	6490	4.17	mg/kg wet	7680		84.5	46.7-129.9				
Antimony	71.9	2.08	"	257		28.0	1-100				
Arsenic	295	1.25	"	360		82.0	70.6-102.2				
Barium	282	2.08	"	332		85.0	75-108.1				
Beryllium	162	0.042	"	183		88.3	76.5-108.2				
Cadmium	193	0.250	"	238		81.0	73.5-105				
Calcium	4830	4.17	"	5490		87.9	77.2-110.9				
Chromium	170	0.417	"	199		85.5	73.4-107				
Cobalt	79.4	0.333	"	88.7		89.5	76.6-107.6				
Copper	207	1.67	"	227		91.1	74.9-105.7				
Iron	6410	20.8	"	7360		87.1	51.1-125.8				
Lead	88.2	0.417	"	100		88.2	75.9-110				
Magnesium	1640	4.17	"	1900		86.1	67.4-111.1				
Manganese	504	0.417	"	591		85.3	72.6-107.1				
Nickel	297	0.830	"	342		86.8	75.4-107.6				
Potassium	1300	4.17	"	1500		86.8	66.1-116.7				
Selenium	159	2.08	"	170		93.5	78.2-115.9				
Silver	72.5	0.420	"	88.6		81.8	73.9-112				
Sodium	572	41.7	"	527		109	68.5-115.9				
Thallium	191	2.08	"	226		84.4	73.5-108.4				
Vanadium	99.6	0.830	"	118		84.4	68.1-106.8				
Zinc	154	2.08	"	183		84.0	72.7-109.3				

Batch BG40633 - EPA 3015A

Blank (BG40633-BLK1)

Prepared & Analyzed: 07/10/2024

Aluminum	ND	0.0556	mg/L
Barium	ND	0.0278	"
Calcium	ND	0.0556	"
Chromium	ND	0.00556	"
Cobalt	ND	0.00444	"
Copper	ND	0.0222	"
Iron	ND	0.278	"
Lead	ND	0.00556	"
Magnesium	ND	0.0556	"
Manganese	ND	0.00556	"
Nickel	ND	0.0111	"
Potassium	0.0592	0.0556	"
Silver	ND	0.00556	"
Sodium	ND	0.556	"
Vanadium	ND	0.0111	"
Zinc	ND	0.0278	"



Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG40633 - EPA 3015A

LCS (BG40633-BS1)

Prepared & Analyzed: 07/10/2024

Aluminum	2.01		ug/mL	2.00		100	80-120			
Barium	2.07		"	2.00		104	80-120			
Calcium	1.07		"	1.00		107	80-120			
Chromium	0.205		"	0.200		103	80-120			
Cobalt	0.516		"	0.500		103	80-120			
Copper	0.261		"	0.250		104	80-120			
Iron	1.01		"	1.00		101	80-120			
Lead	0.503		"	0.500		101	80-120			
Magnesium	0.992		"	1.00		99.2	80-120			
Manganese	0.516		"	0.500		103	80-120			
Nickel	0.518		"	0.500		104	80-120			
Potassium	1.16		"	1.00		116	80-120			
Silver	0.0493		"	0.0500		98.6	80-120			
Sodium	2.44		"	1.00		244	80-120	High Bias		
Vanadium	0.503		"	0.500		101	80-120			
Zinc	0.497		"	0.500		99.4	80-120			

Batch BG40662 - EPA 3050B

Blank (BG40662-BLK1)

Prepared: 07/10/2024 Analyzed: 07/11/2024

Aluminum	ND	4.17	mg/kg wct
Antimony	ND	2.08	"
Arsenic	ND	1.25	"
Barium	ND	2.08	"
Beryllium	ND	0.042	"
Cadmium	ND	0.250	"
Calcium	ND	4.17	"
Chromium	ND	0.417	"
Cobalt	ND	0.333	"
Copper	ND	1.67	"
Iron	ND	20.8	"
Lead	ND	0.417	"
Magnesium	ND	4.17	"
Manganese	ND	0.417	"
Nickel	ND	0.830	"
Potassium	ND	4.17	"
Selenium	ND	2.08	"
Silver	ND	0.420	"
Sodium	ND	41.7	"
Thallium	ND	2.08	"
Vanadium	ND	0.830	"
Zinc	ND	2.08	"



Sample Information

Client Sample ID: SB-10 (6-12)

York Sample ID: 24G0361-10

York Project (SDG) No.
24G0361

Client Project ID
Elka

Matrix
Soil

Collection Date/Time
July 3, 2024 11:30 am

Date Received
07/05/2024

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	84.8		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	07/08/2024 12:55	07/08/2024 14:39	HLV

Sample Information

Client Sample ID: TB-4

York Sample ID: 24G0361-11

York Project (SDG) No.
24G0361

Client Project ID
Elka

Matrix
Water

Collection Date/Time
July 3, 2024 10:30 am

Date Received
07/05/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE	07/08/2024 08:00	07/08/2024 16:48	BMT
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE	07/08/2024 08:00	07/08/2024 16:48	BMT
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE	07/08/2024 08:00	07/08/2024 16:48	BMT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.386	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE	07/08/2024 08:00	07/08/2024 16:48	BMT
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE	07/08/2024 08:00	07/08/2024 16:48	BMT
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE	07/08/2024 08:00	07/08/2024 16:48	BMT
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE	07/08/2024 08:00	07/08/2024 16:48	BMT
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/08/2024 08:00	07/08/2024 16:48	BMT
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/08/2024 08:00	07/08/2024 16:48	BMT
120-82-1	1,2,4-Trichlorobenzene	1.64		ug/L	0.138	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/08/2024 08:00	07/08/2024 16:48	BMT
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE	07/08/2024 08:00	07/08/2024 16:48	BMT
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE	07/08/2024 08:00	07/08/2024 16:48	BMT
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE	07/08/2024 08:00	07/08/2024 16:48	BMT
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE	07/08/2024 08:00	07/08/2024 16:48	BMT
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE	07/08/2024 08:00	07/08/2024 16:48	BMT
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE	07/08/2024 08:00	07/08/2024 16:48	BMT



Sample Information

Client Sample ID: TB-4

York Sample ID: 24G0361-11

York Project (SDG) No.
24G0361

Client Project ID
Elka

Matrix
Water

Collection Date/Time
July 3, 2024 10:30 am

Date Received
07/05/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE	07/08/2024 08:00	07/08/2024 16:48	BMT
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE	07/08/2024 08:00	07/08/2024 16:48	BMT
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/08/2024 08:00	07/08/2024 16:48	BMT
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE	07/08/2024 08:00	07/08/2024 16:48	BMT
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/08/2024 08:00	07/08/2024 16:48	BMT
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE	07/08/2024 08:00	07/08/2024 16:48	BMT
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE	07/08/2024 08:00	07/08/2024 16:48	BMT
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE	07/08/2024 08:00	07/08/2024 16:48	BMT
67-64-1	Acetone	ND	CAL-E	ug/L	1.34	2.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE	07/08/2024 08:00	07/08/2024 16:48	BMT
107-02-8	Acrolein	ND	CCVE	ug/L	0.447	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE	07/08/2024 08:00	07/08/2024 16:48	BMT
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE	07/08/2024 08:00	07/08/2024 16:48	BMT
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE	07/08/2024 08:00	07/08/2024 16:48	BMT
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/08/2024 08:00	07/08/2024 16:48	BMT
75-27-4	Bromodichloromethane	0.490	J	ug/L	0.245	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE	07/08/2024 08:00	07/08/2024 16:48	BMT
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE	07/08/2024 08:00	07/08/2024 16:48	BMT
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE	07/08/2024 08:00	07/08/2024 16:48	BMT
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE	07/08/2024 08:00	07/08/2024 16:48	BMT
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE	07/08/2024 08:00	07/08/2024 16:48	BMT
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE	07/08/2024 08:00	07/08/2024 16:48	BMT
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE	07/08/2024 08:00	07/08/2024 16:48	BMT
67-66-3	Chloroform	3.44		ug/L	0.243	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE	07/08/2024 08:00	07/08/2024 16:48	BMT
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE	07/08/2024 08:00	07/08/2024 16:48	BMT
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE	07/08/2024 08:00	07/08/2024 16:48	BMT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE	07/08/2024 08:00	07/08/2024 16:48	BMT



Sample Information

Client Sample ID: EB-4

York Sample ID: 24G0361-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0361

Elka

Water

July 3, 2024 10:30 am

07/05/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	07/08/2024 08:00	07/08/2024 17:14	BMT
Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE											
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	07/08/2024 08:00	07/08/2024 17:14	BMT
Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE											
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	07/08/2024 08:00	07/08/2024 17:14	BMT
Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE											
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	07/08/2024 08:00	07/08/2024 17:14	BMT
Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE											
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	07/08/2024 08:00	07/08/2024 17:14	BMT
Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE											
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	07/08/2024 08:00	07/08/2024 17:14	BMT
Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440											
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	07/08/2024 08:00	07/08/2024 17:14	BMT
Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440											
120-82-1	1,2,4-Trichlorobenzene	0.240	J	ug/L	0.138	0.500	1	EPA 8260D	07/08/2024 08:00	07/08/2024 17:14	BMT
Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440											
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	07/08/2024 08:00	07/08/2024 17:14	BMT
Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE											
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	07/08/2024 08:00	07/08/2024 17:14	BMT
Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE											
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	07/08/2024 08:00	07/08/2024 17:14	BMT
Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE											
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	07/08/2024 08:00	07/08/2024 17:14	BMT
Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE											
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	07/08/2024 08:00	07/08/2024 17:14	BMT
Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE											
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	07/08/2024 08:00	07/08/2024 17:14	BMT
Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE											
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	07/08/2024 08:00	07/08/2024 17:14	BMT
Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE											
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	07/08/2024 08:00	07/08/2024 17:14	BMT
Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE											
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	07/08/2024 08:00	07/08/2024 17:14	BMT
Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440											
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	07/08/2024 08:00	07/08/2024 17:14	BMT
Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE											
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	07/08/2024 08:00	07/08/2024 17:14	BMT
Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440											
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	07/08/2024 08:00	07/08/2024 17:14	BMT
Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE											
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	07/08/2024 08:00	07/08/2024 17:14	BMT
Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE											
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	07/08/2024 08:00	07/08/2024 17:14	BMT
Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE											
67-64-1	Acetone	ND	CAL-E	ug/L	1.34	2.00	1	EPA 8260D	07/08/2024 08:00	07/08/2024 17:14	BMT
Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE											
107-02-8	Acrolein	ND	CCVE	ug/L	0.447	0.500	1	EPA 8260D	07/08/2024 08:00	07/08/2024 17:14	BMT
Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE											



Sample Information

Client Sample ID: EB-4

York Sample ID: 24G0361-12

York Project (SDG) No.
24G0361

Client Project ID
Elka

Matrix
Water

Collection Date/Time
July 3, 2024 10:30 am

Date Received
07/05/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE	07/08/2024 08:00	07/08/2024 17:14	BMT
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE	07/08/2024 08:00	07/08/2024 17:14	BMT
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/08/2024 08:00	07/08/2024 17:14	BMT
75-27-4	Bromodichloromethane	0.450	J	ug/L	0.245	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE	07/08/2024 08:00	07/08/2024 17:14	BMT
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE	07/08/2024 08:00	07/08/2024 17:14	BMT
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE	07/08/2024 08:00	07/08/2024 17:14	BMT
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE	07/08/2024 08:00	07/08/2024 17:14	BMT
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE	07/08/2024 08:00	07/08/2024 17:14	BMT
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE	07/08/2024 08:00	07/08/2024 17:14	BMT
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE	07/08/2024 08:00	07/08/2024 17:14	BMT
67-66-3	Chloroform	3.16		ug/L	0.243	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE	07/08/2024 08:00	07/08/2024 17:14	BMT
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE	07/08/2024 08:00	07/08/2024 17:14	BMT
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE	07/08/2024 08:00	07/08/2024 17:14	BMT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE	07/08/2024 08:00	07/08/2024 17:14	BMT
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/08/2024 08:00	07/08/2024 17:14	BMT
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE	07/08/2024 08:00	07/08/2024 17:14	BMT
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/08/2024 08:00	07/08/2024 17:14	BMT
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/08/2024 08:00	07/08/2024 17:14	BMT
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE	07/08/2024 08:00	07/08/2024 17:14	BMT
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/08/2024 08:00	07/08/2024 17:14	BMT
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE	07/08/2024 08:00	07/08/2024 17:14	BMT
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/08/2024 08:00	07/08/2024 17:14	BMT
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE	07/08/2024 08:00	07/08/2024 17:14	BMT
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/08/2024 08:00	07/08/2024 17:14	BMT



Sample Information

Client Sample ID: EB-4

York Sample ID: 24G0361-12

York Project (SDG) No.

24G0361

Client Project ID

Elka

Matrix

Water

Collection Date/Time

July 3, 2024 10:30 am

Date Received

07/05/2024

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	ug/L	5.00	10.0	1	EPA 8270D	07/09/2024 08:45	07/10/2024 19:20	SS
Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440											
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D	07/09/2024 08:45	07/10/2024 19:20	SS
Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440											
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	07/09/2024 08:45	07/10/2024 19:20	SS
Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440											
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	07/09/2024 08:45	07/10/2024 19:20	SS
Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440											
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D	07/09/2024 08:45	07/10/2024 19:20	SS
Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440											
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D	07/09/2024 08:45	07/10/2024 19:20	SS
Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440											

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: SURR: 2-Fluorophenol	77.8 %	S-08	19.7-63.1
13127-88-3	Surrogate: SURR: Phenol-d6	39.6 %		10.1-41.7
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	94.6 %		50.2-113
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	84.9 %		39.9-105
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	109 %		39.3-151
1718-51-0	Surrogate: SURR: Terphenyl-d14	99.8 %		30.7-106

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/09/2024 08:45	07/10/2024 19:57	SS
Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440										
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/09/2024 08:45	07/10/2024 19:57	SS
Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440										
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/09/2024 08:45	07/10/2024 19:57	SS
Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440										
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM	07/09/2024 08:45	07/10/2024 19:57	SS
Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005										
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/09/2024 08:45	07/10/2024 19:57	SS
Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440										
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/09/2024 08:45	07/10/2024 19:57	SS
Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440										
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/09/2024 08:45	07/10/2024 19:57	SS
Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440										
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/09/2024 08:45	07/10/2024 19:57	SS
Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440										
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/09/2024 08:45	07/10/2024 19:57	SS
Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440										
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM	07/09/2024 08:45	07/10/2024 19:57	SS
Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005										
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/09/2024 08:45	07/10/2024 19:57	SS
Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440										



Sample Information

Client Sample ID: EB-4

York Sample ID: 24G0361-12

York Project (SDG) No.
24G0361

Client Project ID
Elka

Matrix
Water

Collection Date/Time
July 3, 2024 10:30 am

Date Received
07/05/2024

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/09/2024 08:45	07/10/2024 19:57	SS
Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440										
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/09/2024 08:45	07/10/2024 19:57	SS
Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440										
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/09/2024 08:45	07/10/2024 19:57	SS
Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440										
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM	07/09/2024 08:45	07/10/2024 19:57	SS
Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005										
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM	07/09/2024 08:45	07/10/2024 19:57	SS
Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005										
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM	07/09/2024 08:45	07/10/2024 19:57	SS
Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005										
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/09/2024 08:45	07/10/2024 19:57	SS
Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440										
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/09/2024 08:45	07/10/2024 19:57	SS
Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440										
98-95-3	Nitrobenzene	ND	CCVE, ICVE	ug/L	0.250	1	EPA 8270D SIM	07/09/2024 08:45	07/10/2024 19:57	SS
Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005										
62-75-9	N-Nitrosodimethylamine	ND	CAL-E, QL-02	ug/L	0.500	1	EPA 8270D SIM	07/09/2024 08:45	07/10/2024 19:57	SS
Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005										
87-86-5	Pentachlorophenol	ND	CAL-E	ug/L	0.250	1	EPA 8270D SIM	07/09/2024 08:45	07/10/2024 19:57	SS
Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005										
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/09/2024 08:45	07/10/2024 19:57	SS
Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440										
129-00-0	Pyrene	0.140		ug/L	0.0500	1	EPA 8270D SIM	07/09/2024 08:45	07/10/2024 19:57	SS
Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440										

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	07/10/2024 08:36	07/10/2024 16:05	AGNR
Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440										
7440-39-3	Barium	ND		mg/L	0.0278	1	EPA 6010D	07/10/2024 08:36	07/10/2024 16:05	AGNR
Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440										
7440-70-2	Calcium	0.125		mg/L	0.0556	1	EPA 6010D	07/10/2024 08:36	07/10/2024 16:05	AGNR
Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440										
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	07/10/2024 08:36	07/10/2024 16:05	AGNR
Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440										
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	07/10/2024 08:36	07/10/2024 16:05	AGNR
Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440										
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	07/10/2024 08:36	07/10/2024 16:05	AGNR
Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440										
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	07/10/2024 08:36	07/10/2024 16:05	AGNR
Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440										
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	07/10/2024 08:36	07/10/2024 16:05	AGNR
Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440										



Sample Information

Client Sample ID: EB-4

York Sample ID: 24G0361-12

York Project (SDG) No.
24G0361

Client Project ID
Elka

Matrix
Water

Collection Date/Time
July 3, 2024 10:30 am

Date Received
07/05/2024

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOO	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-95-4	Magnesium	ND		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/10/2024 08:36	07/10/2024 16:05	AGNR
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/10/2024 08:36	07/10/2024 16:05	AGNR
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/10/2024 08:36	07/10/2024 16:05	AGNR
7440-09-7	Potassium	0.0663	B	mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/10/2024 08:36	07/10/2024 16:05	AGNR
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/10/2024 08:36	07/10/2024 16:05	AGNR
7440-23-5	Sodium	ND		mg/L	0.556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/10/2024 08:36	07/10/2024 16:05	AGNR
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/10/2024 08:36	07/10/2024 16:05	AGNR
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/10/2024 08:36	07/10/2024 16:05	AGNR

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOO	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/09/2024 08:44	07/10/2024 17:20	cw
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/09/2024 08:44	07/10/2024 17:20	cw
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/09/2024 08:44	07/10/2024 17:20	cw
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/09/2024 08:44	07/10/2024 17:20	cw
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/09/2024 08:44	07/10/2024 17:20	cw
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/09/2024 08:44	07/10/2024 17:20	cw

Table 3
Volatile Organic Compounds in Soil (in mg/kg) (continued)
Former Elka Chemical Site No. 152239

~~June, 2024~~

JUL 3, 2024

↖ Add EB-4 here
 ↖ Add TB-4 here

Analyte	SB-1 (6-12") <i>mg/kg</i>	SB-2 (6-12")	SB-3 (6-12")	SB-4 (6-12")	SB-5 (6-12")	SB-6 (6-12")	SB-7 (6-12")	SB-8 (6-12")	SB-9 (6-12")	SB-10 (6-12") (Dup. of SB-8 (0-6"))	NYSDEC Part 375 Commercial Use Soil Cleanup Objectives <i>mg/kg</i>
2-Butanone	0.012 ✓	ND ✓	ND	ND	ND ✓	ND	ND ✓	ND ✓	ND ✓	6" & 12" ND ✓	ND ✓
Acetone	0.063 ✓	ND ✓	ND	0.030 ✓	ND	ND	ND	ND	ND	ND	500 ✓
Tetrachloroethylene	ND	ND ✓	0.0047 J ✓	ND	ND	ND	ND	ND	ND	ND	150 ✓
Trichloroethylene	ND	ND ✓	0.044 ✓	ND	ND	0.010 ✓	ND	ND	ND	ND	200 ✓

1,2,4-Trichlorobenzene ND
 Bromodichloromethane ND
 Chloroform ND

0.240 J ~~ND~~
 See note on
 0.490 J ~~ND~~
 3.46 350

TB-4
 ND
 1.64
 0.490 J
 3.44

Table 3
Volatile Organic Compounds (in mg/kg) in Soil
Former Elka Chemical Site No. 152239

~~June, 2024~~

July 3, 2024

Notes:

All results are in milligrams per liter (mg/kg).

Bolded values indicate an exceedance of the New York State Department of Environmental Conservation (NYSDEC) Class GA Ambient Water Quality Standards or TOGS 1.1.1 Guidance Values.

Only detected compounds are listed.

CCVE- the value reported is estimated due to its behavior during continued calibration

ND- not detected

NS- not sampled

J = add this qualifier

Table 4
Semi-Volatile Organic Compounds in Soil (in mg/kg)
Former Elka Chemical Site No. 152239
Sample Date: July 3, 2024 ✓

EB-4 here

Analytes	SB-1 (6-12") <i>mg/kg</i>	SB-2 (6-12")	SB-3 (6-12")	SB-4 (6-12")	SB-5 (6-12")	SB-6 (6-12")	NYSDEC Part 375 Commercial Use Soil Cleanup Objectives <i>mg/kg</i>
Benzo(a)anthracene	0.249 ✓	0.180 ✓	0.198 ✓	0.175 ✓	0.577 ✓	0.0778 J	ND, 5,600, 5.6
Benzo(a)pyrene	0.262 ✓	0.183 ✓	0.169 ✓	0.164 ✓	0.660 ✓	0.0835 J	1,000, 1
Benzo(b)fluoranthene	0.317 ✓	0.196 ✓	0.187 ✓	0.162 ✓	0.677 ✓	0.0893 J	5,600, 5.6
Benzo(g,h,i)perylene	0.214 ✓	0.152 ✓	0.167 ✓	0.147 ✓	0.479 ✓	0.0670 J	500,000, 500
Benzo(k)fluoranthene	0.244 ✓	0.181 ✓	0.177 ✓	0.163 ✓	0.647 ✓	0.0749 J	56,000, 56
Chrysene	0.312 ✓	0.212 ✓	0.195 ✓	0.183 ✓	0.756 ✓	0.0943 J	56,000, 56
Di-n-butyl phthalate	ND	ND	0.157 ✓	ND	ND	0.126 ✓	--
Fluoranthene	0.604 ✓	0.407 ✓	0.404 ✓	0.271 ✓	1.15 ✓	0.126 ✓	500,000, 500
Indeno(1,2,3-cd)pyrene	0.178 ✓	0.126 ✓	0.127 ✓	0.138 ✓	0.513 ✓	0.0770 J	5,600, 5.6
Phenanthrene	0.272 ✓	0.136 ✓	0.128 ✓	0.121 ✓	0.421 ✓	0.0482 J	500,000, 500
Pyrene	0.487 J ✓	0.324 J ✓	0.327 J ✓	0.277 J ✓	1.07 ✓	0.133 J ✓	0.140, 500,000, 50
Bis(2-ethylhexyl)phthalate	0.0638 J	ND	0.619 ✓	ND	0.176	0.413	ND, --
Benzyl butyl phthalate	0.631 J	ND	ND	ND	0.0485 J	0.183	--

Table 4
Semi-Volatile Organic Compounds in Soil (in mg/kg)
Former Elka Chemical Site No. 152239
Sample Date: July 3, 2024 ✓

Analytes	SB-1 (6-12")	SB-2 (6-12")	SB-3 (6-12")	SB-4 (6-12")	SB-5 (6-12")	SB-6 (6-12")	NYSDEC Part 375 Commercial Use Soil Cleanup Objectives
Anthracene	0.0558 J ✓	ND	ND	ND	0.0709 J ✓	ND	ND, 500,000 - 500
Dibenzo(a,h)anthracene	0.0674 J ✓	ND	ND	ND	0.173 ✓	ND	5,600 - 0.56
Carbazole	ND	ND	ND	ND	0.0564 J ✓	ND	-
Naphthalene	ND	ND	0.165 ✓	ND	ND	ND	500,000 - 500

Table 4
Semi-Volatile Organic Compounds in Soil (in mg/kg)
Former Elka Chemical Site No. 152239
Sample Date: July 3, 2024 ✓

Analytes	SB-7 (6-12")	SB-8 (6-12")	SB-9 (6-12")	SB-10 (6-12")	EB-4	NYSDEC Part 375 Commercial Use Soil Cleanup Objectives
Benzo(a)anthracene	0.474 ✓	0.760 ✓	~~0.234~~ 1.91	2.05 ✓	ND	~~5,600~~ 5.6
Benzo(a)pyrene	0.395 ✓	0.650 ✓	~~2.32~~ 2.32	~~2.53~~ 2.53	ND	~~1,000~~ 1
Benzo(b)fluoranthene	0.387 ✓	0.669 ✓	2.70 ✓	3.07 ✓	ND	~~5,600~~ 5.6
Benzo(g,h,i)perylene	0.247 ✓	0.398 ✓	1.67 ✓	1.83 ✓	ND	~~500,000~~ 500
Benzo(k)fluoranthene	0.365 ✓	0.642 ✓	~~2.32~~ 2.32	2.34 ✓	ND	~~500,000~~ 56
Chrysene	0.497 ✓	0.831 ✓	~~ND~~ 3.11	4.50 ✓	ND	~~56,000~~ 56
Fluoranthene	0.908 ✓	~~0.152~~ 1.77	~~0.103~~ 7.73	8.70 ✓	ND	~~500,000~~ 500
Indeno(1,2,3-cd)pyrene	0.281 ✓	0.0761 J ✓	1.83 ✓	1.98 ✓	ND	~~5,600~~ 5.6
Phenanthrene	0.554 ✓	1.43 ✓	2.43 ✓	2.40 ✓	ND	~~500,000~~ 500
Pyrene	0.833 ✓ J	1.92 ✓	6.39 ✓	6.88 ✓	0.140	~~500,000~~ 500
Bis(2-ethylhexyl)phthalate	0.111 ✓	0.102 J ✓	0.282 ✓	0.380 ✓	ND	—
Benzyl butyl phthalate	0.107 ✓	ND	0.0575 J ✓	ND	ND	—

Table 4
Semi-Volatile Organic Compounds in Soil (in mg/kg)
Former Elka Chemical Site No. 152239
Sample Date: July 3, 2024 ✓

Analytes	SB-7 (6-12")	SB-8 (6-12")	SB-9 (6-12")	SB-10 (6-12")	EB-4	NYSDEC Part 375 Commercial Use Soil Cleanup Objectives
Anthracene	0.113 ✓	0.298 ✓	0.234 ✓	0.221 ✓	ND	~~100~~ 500
Dibenzo(a,h)anthracene	0.0890 J ✓	0.142 ✓	0.248 ND	0.222 ✓	ND	~~33~~ 0.56
Carbazole	ND	0.109 ✓	0.259 ✓	0.263 ✓	ND	--
Benzyl butyl phthalate	ND	ND	0.0575 J	ND	ND	--
Acenaphthylene	0.0537 0.537 J	ND 0.163	0.0922 J	0.0891 J	ND	~~20~~ 500
Acenaphthylene	ND	0.163 ND	0.0552 J	0.0688 J	ND	~~100~~ 500
Dibenzofuran	ND	0.0744 J ✓	ND	ND	ND	~~7~~ --
Isophorene	ND	ND	0.183 ✓	ND	ND	--
Fluorene	ND	0.152 ND	0.103 ND	0.914 J ✓	ND	~~30~~ 500

STET

Table 4
Semi-Volatile Organic Compounds in Soil (in mg/kg)
Former Elka Chemical Site No. 152239
Sample Date: July 3, 2024 ✓

J- the concentration is estimated due to detection below the reporting limit but above the detection limit.

All results are in milligrams per kilogram (mg/kg).

Bolded values indicate an exceedance of the New York State Department of Environmental Conservation (NYSDEC)

Only detected compounds are listed.

ND- not detected

B: Analyte is found in the associated analysis batch blank. For VOCs, methylene chloride and acetone are common lab contaminants.

-- No regulatory limit has been established for this analyte.

Table 5
Metals in Soil (in mg/kg) (continued)
Former Elka Chemical Site No. 152239
Sample Date: July 3, 2024

STET

SB 4

Analytes	SB-1 (6-12")	SB-2 (6-12")	SB-3 (6-12")	SB-4 (6-12")	SB-5 (6-12")	SB-6 (6-12")	SB-7 (6-12")	SB-8 (6-12")	SB-9 (6-12")	SB-10 (6-12") (Dup. of SB-8 6- 12")	NYSDEC Part 375 Commercial Use Soil Cleanup Objectives
Aluminum	7060	5680	4870	7110	6950	3740	5320	5510	6710	6040	ND
Arsenic	6.57	4.52	8.62	6.05	4.66	4.13	12.6	5.77	4.80	4.71	16
Barium	38.3	36.5	53.9	50.3	41.7	25.0	38.3	42.3	33.5	30.7	400
Beryllium	ND	ND	0.115	ND	ND	ND	ND	ND	ND	0.118	7.2
Cadmium	ND	ND	0.755	ND	ND	0.625	1.96	0.807	0.684	0.659	9.3
Calcium	42800	27500	3350	54300	32300	2410	19800	23000	7820	5260	0.125
Chromium	17.4	14.3	52.5	13.8	14.2	10.1	25.3	14.6	16.1	18.0	1,500
Cobalt	4.60	2.98	3.42	6.05	4.31	2.55	2.65	2.91	3.53	3.17	--
Copper	24.8	342	41.3	29.5	24.8	24.5	47.5	32.7	32.8	31.3	270
Iron	8640	7830	12,800	11400	8930	7070	7550	8210	8520	8420	--
Lead	37.5	29.2	218	17.4	34.6	51.0	74.3	56.6	64.1	73.3	1,000

Bold.

Table 5
Metals in Soil (in mg/kg) (continued)
Former Elka Chemical Site No. 152239
Sample Date: July 3, 2024

Analytes	SB-1 (6-12")	SB-2 (6-12")	SB-3 (6-12")	SB-4 (6-12")	SB-5 (6-12")	SB-6 (6-12")	SB-7 (6-12")	SB-8 (6-12")	SB-9 (6-12")	SB-10 (6-12") (Dup. of SB-8 6- 12")	NYSDEC Part 375 Commercial Use Soil Cleanup Objectives
Magnesium	4060 ✓	6580 ✓	974 ✓	4580 ✓	3480 ✓	1000 ✓	2830 ✓	2640 ✓	3030 ✓	1780 ✓	ND
Manganese	144 ✓	117 ✓	194 ✓	150 ✓	137 ✓	97.9 ✓	110 ✓	123 ✓	116 ✓	113 ✓	10,000 ✓
Nickel	7.72 ✓	7.18 ✓	12.4 ✓	8.88 ✓	8.16 ✓	6.36 ✓	7.70 ✓	7.66 ✓	7.98 ✓	7.87 ✓	310 ✓
Potassium	692 B ✓	607 B ✓	397 B ✓	899 B ✓	855 B ✓	336 B ✓	456 B ✓	6.33 B ✓	623 B ✓	538 ✓	0.0663B
Sodium	171 ✓	103 ✓	88.8 ✓	221 ✓	193 ✓	46.5 ✓	122 ✓	111 ✓	72.4 ✓	49.2 ✓	--
Vanadium	19.2 ✓	16.1 ✓	13.9 ✓	22.0 ✓	21.8 ✓	10.1 ✓	13.2 ✓	17.2 ✓	16.3 ✓	15.3 ✓	--
Zinc	92.7 ✓ 19.2 ✓	72.1 ✓	154 ✓	48.8 ✓	54.6 ✓	83.1 ✓	151 ✓	116 ✓	152 ✓	143 ✓	10,000 ✓
Mercury	0.0778 ✓	0.0725 ✓	0.0844 ✓	0.0656 ✓	0.0585 ✓	0.0682 ✓	0.0739 ✓	0.0632 ✓	0.0693 ✓	0.0650 ✓	0.18 2.8

Table 5
Metals in Soil (in mg/kg) (continued)
Former Elka Chemical Site No. 152239
Sample Date: July 3, 2024

STET
~~*June 17, 2024*~~

Notes:

All results are in milligrams per liter (mg/kg).

B- analyte found in associated method blank.

Bolded values indicate an exceedance of the New York State Department of Environmental Conservation (NYSDEC) Class GA Ambient Water Quality Standards or TOGS 1.1.1 Guidance Values.

Only detected compounds are listed.

ND- not detected

NS- not sampled

Appendix D



Technical Report

prepared for:

Dermody Consulting, Inc.

32 Chichester Ave., 2nd Floor

Center Moriches NY, 11934

Attention: Peter Dermody

Report Date: 07/15/2024

Client Project ID: Elka

York Project (SDG) No.: 24G0361

Stratford, CT Laboratory IDs:
NY:10854, NJ: CT005, PA: 68-0440, CT: PH-0723



Richmond Hill, NY Laboratory IDs:
NY:12058, NJ: NY037, CT: PH-0721, NH: 2097,
EPA: NY01600

120 RESEARCH DRIVE
www.YORKLAB.com

STRATFORD, CT 06615
(203) 325-1371



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

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 07/15/2024
Client Project ID: Elka
York Project (SDG) No.: 24G0361

Dermody Consulting, Inc.
32 Chichester Ave., 2nd Floor
Center Moriches NY, 11934
Attention: Peter Dermody

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 July 05, 2024 and listed below. The project was identified as your project: **Elka**.

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>
24G0361-01	SB-1 (6-12)	Soil	07/03/2024	07/05/2024
24G0361-02	SB-2 (6-12)	Soil	07/03/2024	07/05/2024
24G0361-03	SB-3 (6-12)	Soil	07/03/2024	07/05/2024
24G0361-04	SB-4 (6-12)	Soil	07/03/2024	07/05/2024
24G0361-05	SB-5 (6-12)	Soil	07/03/2024	07/05/2024
24G0361-06	SB-6 (6-12)	Soil	07/03/2024	07/05/2024
24G0361-07	SB-7 (6-12)	Soil	07/03/2024	07/05/2024
24G0361-08	SB-8 (6-12)	Soil	07/03/2024	07/05/2024
24G0361-09	SB-9 (6-12)	Soil	07/03/2024	07/05/2024
24G0361-10	SB-10 (6-12)	Soil	07/03/2024	07/05/2024
24G0361-11	TB-4	Water	07/03/2024	07/05/2024
24G0361-12	EB-4	Water	07/03/2024	07/05/2024

General Notes for York Project (SDG) No.: 24G0361

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, NJ Cert No. CT005, PA Cert No. 68-04440, CT Cert No. PH-0723; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058, NJ Cert No. NY037, CT Cert No. PH-0721, NH Cert No. 2097, EPA Cert No. NY01600.

Approved By: 

Cassie L. Mosher
Laboratory Manager

Date: 07/15/2024





Sample Information

Client Sample ID: SB-1 (6-12)

York Sample ID: 24G0361-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0361

Elka

Soil

July 3, 2024 11:30 am

07/05/2024

Volatiles, 8260 Comprehensive

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
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 12:40	ME
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 12:40	ME
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 12:40	ME
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 12:40	ME
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 12:40	ME
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 12:40	ME
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 12:40	ME
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 12:40	ME
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 12:40	ME
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 12:40	ME
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 12:40	ME
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 12:40	ME
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 12:40	ME
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 12:40	ME
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 12:40	ME
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 12:40	ME
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 12:40	ME
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 12:40	ME
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 12:40	ME
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 12:40	ME
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 12:40	ME
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.049	0.098	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 12:40	ME



Sample Information

Client Sample ID: SB-1 (6-12)

York Sample ID: 24G0361-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0361

Elka

Soil

July 3, 2024 11:30 am

07/05/2024

Volatiles, 8260 Comprehensive

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
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	07/10/2024 09:00	07/10/2024 12:40	ME
78-93-3	2-Butanone	0.012		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 12:40	ME
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 12:40	ME
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 12:40	ME
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 12:40	ME
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 12:40	ME
67-64-1	Acetone	0.063		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 12:40	ME
107-02-8	Acrolein	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 12:40	ME
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 12:40	ME
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 12:40	ME
108-86-1	Bromobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/10/2024 09:00	07/10/2024 12:40	ME
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/10/2024 09:00	07/10/2024 12:40	ME
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 12:40	ME
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 12:40	ME
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 12:40	ME
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 12:40	ME
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 12:40	ME
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 12:40	ME
75-00-3	Chloroethane	ND	CCVE, QL-02	mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 12:40	ME
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 12:40	ME
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 12:40	ME
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 12:40	ME
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 12:40	ME



Sample Information

Client Sample ID: SB-1 (6-12)

York Sample ID: 24G0361-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0361

Elka

Soil

July 3, 2024 11:30 am

07/05/2024

Volatiles, 8260 Comprehensive

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
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 12:40	ME
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 12:40	ME
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 12:40	ME
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 12:40	ME
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 12:40	ME
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 12:40	ME
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 12:40	ME
79-20-9	Methyl acetate	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 12:40	ME
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 12:40	ME
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 12:40	ME
75-09-2	Methylene chloride	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 12:40	ME
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 12:40	ME
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 12:40	ME
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 12:40	ME
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 12:40	ME
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 12:40	ME
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 12:40	ME
100-42-5	Styrene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 12:40	ME
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 12:40	ME
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 12:40	ME
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 12:40	ME
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 12:40	ME
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 12:40	ME



Sample Information

Client Sample ID: SB-1 (6-12)

York Sample ID: 24G0361-01

York Project (SDG) No.

Client Project ID

Matrix

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Date Received

24G0361

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July 3, 2024 11:30 am

07/05/2024

Volatiles, 8260 Comprehensive

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
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 12:40	ME
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 12:40	ME
75-69-4	Trichlorofluoromethane	ND	CCVE, QL-02	mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 12:40	ME
108-05-4	Vinyl acetate	ND	ICVE	mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 12:40	ME
75-01-4	Vinyl Chloride	ND	CCVE, QL-02	mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 12:40	ME
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0074	0.015	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 12:40	ME
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	98.4 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	98.7 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	104 %	76-130								

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications:	07/08/2024 14:45	07/09/2024 12:59	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0907	0.181	2	EPA 8270D Certifications:	07/08/2024 14:45	07/09/2024 12:59	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications:	07/08/2024 14:45	07/09/2024 12:59	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications:	07/08/2024 14:45	07/09/2024 12:59	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications:	07/08/2024 14:45	07/09/2024 12:59	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications:	07/08/2024 14:45	07/09/2024 12:59	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications:	07/08/2024 14:45	07/09/2024 12:59	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0907	0.181	2	EPA 8270D Certifications:	07/08/2024 14:45	07/09/2024 12:59	SS
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications:	07/08/2024 14:45	07/09/2024 12:59	SS
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications:	07/08/2024 14:45	07/09/2024 12:59	SS
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications:	07/08/2024 14:45	07/09/2024 12:59	SS



Sample Information

Client Sample ID: SB-1 (6-12)

York Sample ID: 24G0361-01

York Project (SDG) No.

Client Project ID

Matrix

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24G0361

Elka

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July 3, 2024 11:30 am

07/05/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 12:59	SS
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0907	0.181	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 12:59	SS
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 12:59	SS
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 12:59	SS
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 12:59	SS
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 12:59	SS
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 12:59	SS
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 12:59	SS
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0907	0.181	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 12:59	SS
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 12:59	SS
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 12:59	SS
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications:	07/08/2024 14:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/09/2024 12:59	SS
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0907	0.181	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 12:59	SS
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0907	0.181	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 12:59	SS
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 12:59	SS
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 12:59	SS
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 12:59	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 12:59	SS
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0907	0.181	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 12:59	SS
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0907	0.181	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 12:59	SS
83-32-9	Acenaphthene	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 12:59	SS
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 12:59	SS
98-86-2	Acetophenone	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications:	07/08/2024 14:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/09/2024 12:59	SS



Sample Information

Client Sample ID: SB-1 (6-12)

York Sample ID: 24G0361-01

York Project (SDG) No.

Client Project ID

Matrix

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24G0361

Elka

Soil

July 3, 2024 11:30 am

07/05/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-53-3	Aniline	ND		mg/kg dry	0.182	0.363	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2024 14:45	07/09/2024 12:59	SS
120-12-7	Anthracene	0.0558	J	mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/08/2024 14:45	07/09/2024 12:59	SS
1912-24-9	Atrazine	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2024 14:45	07/09/2024 12:59	SS
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2024 14:45	07/09/2024 12:59	SS
92-87-5	Benzidine	ND		mg/kg dry	0.182	0.363	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	07/08/2024 14:45	07/09/2024 12:59	SS
56-55-3	Benzo(a)anthracene	0.249		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/08/2024 14:45	07/09/2024 12:59	SS
50-32-8	Benzo(a)pyrene	0.262		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/08/2024 14:45	07/09/2024 12:59	SS
205-99-2	Benzo(b)fluoranthene	0.317		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/08/2024 14:45	07/09/2024 12:59	SS
191-24-2	Benzo(g,h,i)perylene	0.214		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/08/2024 14:45	07/09/2024 12:59	SS
207-08-9	Benzo(k)fluoranthene	0.244		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/08/2024 14:45	07/09/2024 12:59	SS
65-85-0	Benzoic acid	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2024 14:45	07/09/2024 12:59	SS
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2024 14:45	07/09/2024 12:59	SS
85-68-7	Benzyl butyl phthalate	0.0631	J	mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/08/2024 14:45	07/09/2024 12:59	SS
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/08/2024 14:45	07/09/2024 12:59	SS
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/08/2024 14:45	07/09/2024 12:59	SS
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/08/2024 14:45	07/09/2024 12:59	SS
117-81-7	Bis(2-ethylhexyl)phthalate	0.0638	J	mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/08/2024 14:45	07/09/2024 12:59	SS
105-60-2	Caprolactam	ND		mg/kg dry	0.0907	0.181	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2024 14:45	07/09/2024 12:59	SS
86-74-8	Carbazole	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/08/2024 14:45	07/09/2024 12:59	SS
218-01-9	Chrysene	0.312		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/08/2024 14:45	07/09/2024 12:59	SS
53-70-3	Dibenzo(a,h)anthracene	0.0674	J	mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/08/2024 14:45	07/09/2024 12:59	SS
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/08/2024 14:45	07/09/2024 12:59	SS
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/08/2024 14:45	07/09/2024 12:59	SS



Sample Information

Client Sample ID: SB-1 (6-12)

York Sample ID: 24G0361-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G0361	Elka	Soil	July 3, 2024 11:30 am	07/05/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 12:59	SS
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 12:59	SS
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 12:59	SS
206-44-0	Fluoranthene	0.604		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 12:59	SS
86-73-7	Fluorene	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications:	07/08/2024 14:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/09/2024 12:59	SS
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 12:59	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 12:59	SS
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 12:59	SS
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 12:59	SS
193-39-5	Indeno(1,2,3-cd)pyrene	0.178		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 12:59	SS
78-59-1	Isophorone	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 12:59	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 12:59	SS
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 12:59	SS
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 12:59	SS
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 12:59	SS
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 12:59	SS
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 12:59	SS
85-01-8	Phenanthrene	0.272		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 12:59	SS
108-95-2	Phenol	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 12:59	SS
129-00-0	Pyrene	0.487		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 12:59	SS
110-86-1	Pyridine	ND		mg/kg dry	0.182	0.363	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 12:59	SS
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	69.4 %	20-108								
13127-88-3	Surrogate: SURR: Phenol-d6	73.9 %	23-114								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	67.3 %	22-108								



Sample Information

Client Sample ID: SB-1 (6-12)

York Sample ID: 24G0361-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0361

Elka

Soil

July 3, 2024 11:30 am

07/05/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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	74.2 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	42.4 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	87.5 %			24-116						

Metals, Target Analyte

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
7429-90-5	Aluminum	7060		mg/kg dry	4.56	1	EPA 6010D	07/09/2024 17:17	07/10/2024 16:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-36-0	Antimony	ND		mg/kg dry	2.28	1	EPA 6010D	07/09/2024 17:17	07/10/2024 16:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-38-2	Arsenic	6.57		mg/kg dry	1.37	1	EPA 6010D	07/09/2024 17:17	07/10/2024 16:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	Barium	38.3		mg/kg dry	2.28	1	EPA 6010D	07/09/2024 17:17	07/10/2024 16:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	Beryllium	ND		mg/kg dry	0.046	1	EPA 6010D	07/09/2024 17:17	07/10/2024 16:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	Cadmium	ND		mg/kg dry	0.274	1	EPA 6010D	07/09/2024 17:17	07/10/2024 16:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-70-2	Calcium	42800		mg/kg dry	4.56	1	EPA 6010D	07/09/2024 17:17	07/10/2024 16:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	Chromium	17.4		mg/kg dry	0.456	1	EPA 6010D	07/09/2024 17:17	07/10/2024 16:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	Cobalt	4.60		mg/kg dry	0.364	1	EPA 6010D	07/09/2024 17:17	07/10/2024 16:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	Copper	24.8		mg/kg dry	1.82	1	EPA 6010D	07/09/2024 17:17	07/10/2024 16:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	Iron	8640		mg/kg dry	22.8	1	EPA 6010D	07/09/2024 17:17	07/10/2024 16:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	Lead	37.5		mg/kg dry	0.456	1	EPA 6010D	07/09/2024 17:17	07/10/2024 16:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	Magnesium	4060		mg/kg dry	4.56	1	EPA 6010D	07/09/2024 17:17	07/10/2024 16:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	Manganese	144		mg/kg dry	0.456	1	EPA 6010D	07/09/2024 17:17	07/10/2024 16:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	Nickel	7.72		mg/kg dry	0.908	1	EPA 6010D	07/09/2024 17:17	07/10/2024 16:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	Potassium	692	B	mg/kg dry	4.56	1	EPA 6010D	07/09/2024 17:17	07/10/2024 16:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	2.28	1	EPA 6010D	07/09/2024 17:17	07/10/2024 16:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		



Sample Information

Client Sample ID: SB-1 (6-12)			York Sample ID: 24G0361-01		
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24G0361	Elka	Soil	July 3, 2024 11:30 am	07/05/2024	

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/kg dry	0.460	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 17:17	07/10/2024 16:54	AGNR
7440-23-5	Sodium	171		mg/kg dry	45.6	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 17:17	07/10/2024 16:54	AGNR
7440-28-0	Thallium	ND		mg/kg dry	2.28	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 17:17	07/10/2024 16:54	AGNR
7440-62-2	Vanadium	19.2		mg/kg dry	0.908	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 17:17	07/10/2024 16:54	AGNR
7440-66-6	Zinc	52.7		mg/kg dry	2.27	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 17:17	07/10/2024 16:54	AGNR

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	0.0778		mg/kg dry	0.0328	1	EPA 7473 Certifications: CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04	07/10/2024 14:35	07/11/2024 21:38	DRS

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	91.4		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	07/08/2024 12:35	07/08/2024 14:35	HLV

Sample Information

Client Sample ID: SB-2 (6-12)			York Sample ID: 24G0361-02		
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24G0361	Elka	Soil	July 3, 2024 11:30 am	07/05/2024	

Volatiles, 8260 Comprehensive

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
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 13:59	ME
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 13:59	ME



Sample Information

Client Sample ID: SB-2 (6-12)

York Sample ID: 24G0361-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0361

Elka

Soil

July 3, 2024 11:30 am

07/05/2024

Volatiles, 8260 Comprehensive

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
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 13:59	ME
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 13:59	ME
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 13:59	ME
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 13:59	ME
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 13:59	ME
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 13:59	ME
								NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 13:59	ME
								NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 13:59	ME
								NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 13:59	ME
								NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 13:59	ME
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 13:59	ME
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 13:59	ME
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 13:59	ME
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 13:59	ME
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 13:59	ME
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 13:59	ME
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 13:59	ME
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 13:59	ME
								NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 13:59	ME
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.094	0.19	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 13:59	ME
								NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 13:59	ME
								NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
78-93-3	2-Butanone	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 13:59	ME
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 13:59	ME
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			



Sample Information

Client Sample ID: SB-2 (6-12)

York Sample ID: 24G0361-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0361

Elka

Soil

July 3, 2024 11:30 am

07/05/2024

Volatiles, 8260 Comprehensive

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
591-78-6	2-Hexanone	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 13:59	ME
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 13:59	ME
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 13:59	ME
67-64-1	Acetone	ND		mg/kg dry	0.0094	0.019	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 13:59	ME
107-02-8	Acrolein	ND		mg/kg dry	0.0094	0.019	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 13:59	ME
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 13:59	ME
71-43-2	Benzene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 13:59	ME
108-86-1	Bromobenzene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 13:59	ME
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 13:59	ME
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 13:59	ME
75-25-2	Bromoform	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 13:59	ME
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 13:59	ME
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 13:59	ME
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 13:59	ME
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 13:59	ME
75-00-3	Chloroethane	ND	CCVE, QL-02	mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 13:59	ME
67-66-3	Chloroform	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 13:59	ME
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 13:59	ME
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 13:59	ME
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 13:59	ME
110-82-7	Cyclohexane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 13:59	ME
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 13:59	ME
74-95-3	Dibromomethane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 13:59	ME



Sample Information

Client Sample ID: SB-2 (6-12)

York Sample ID: 24G0361-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0361

Elka

Soil

July 3, 2024 11:30 am

07/05/2024

Volatiles, 8260 Comprehensive

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
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	07/10/2024 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/10/2024 13:59	ME
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 13:59	ME
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	07/10/2024 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/10/2024 13:59	ME
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 13:59	ME
79-20-9	Methyl acetate	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	07/10/2024 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/10/2024 13:59	ME
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 13:59	ME
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	07/10/2024 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/10/2024 13:59	ME
75-09-2	Methylene chloride	ND		mg/kg dry	0.0094	0.019	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 13:59	ME
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 13:59	ME
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 13:59	ME
95-47-6	o-Xylene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	07/10/2024 13:59	ME
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0094	0.019	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	07/10/2024 13:59	ME
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 13:59	ME
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 13:59	ME
100-42-5	Styrene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 13:59	ME
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	07/10/2024 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/10/2024 13:59	ME
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 13:59	ME
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 13:59	ME
108-88-3	Toluene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 13:59	ME
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 13:59	ME
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 13:59	ME
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 13:59	ME
75-69-4	Trichlorofluoromethane	ND	CCVE, QL-02	mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 13:59	ME



Sample Information

Client Sample ID: SB-2 (6-12)

York Sample ID: 24G0361-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0361

Elka

Soil

July 3, 2024 11:30 am

07/05/2024

Volatiles, 8260 Comprehensive

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
108-05-4	Vinyl acetate	ND	ICVE	mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/10/2024 09:00	07/10/2024 13:59	ME
75-01-4	Vinyl Chloride	ND	CCVE, QL-02	mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 13:59	ME
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.014	0.028	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 13:59	ME
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	98.8 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	100 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	109 %	76-130								

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0548	0.109	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2024 14:45	07/09/2024 13:30	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.109	0.219	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2024 14:45	07/09/2024 13:30	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 14:45	07/09/2024 13:30	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	07/08/2024 14:45	07/09/2024 13:30	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2024 14:45	07/09/2024 13:30	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	07/08/2024 14:45	07/09/2024 13:30	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	07/08/2024 14:45	07/09/2024 13:30	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.109	0.219	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2024 14:45	07/09/2024 13:30	SS
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 14:45	07/09/2024 13:30	SS
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 14:45	07/09/2024 13:30	SS
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 14:45	07/09/2024 13:30	SS
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 14:45	07/09/2024 13:30	SS
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.109	0.219	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 14:45	07/09/2024 13:30	SS
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 14:45	07/09/2024 13:30	SS



Sample Information

Client Sample ID: SB-2 (6-12)

York Sample ID: 24G0361-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0361

Elka

Soil

July 3, 2024 11:30 am

07/05/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 13:30	SS
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 13:30	SS
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 13:30	SS
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 13:30	SS
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 13:30	SS
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.109	0.219	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 13:30	SS
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 13:30	SS
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 13:30	SS
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D Certifications:	07/08/2024 14:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/09/2024 13:30	SS
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.109	0.219	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 13:30	SS
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.109	0.219	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 13:30	SS
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 13:30	SS
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 13:30	SS
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 13:30	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 13:30	SS
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.109	0.219	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 13:30	SS
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.109	0.219	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 13:30	SS
83-32-9	Acenaphthene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 13:30	SS
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 13:30	SS
98-86-2	Acetophenone	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D Certifications:	07/08/2024 14:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/09/2024 13:30	SS
62-53-3	Aniline	ND		mg/kg dry	0.219	0.438	2	EPA 8270D Certifications:	07/08/2024 14:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/09/2024 13:30	SS
120-12-7	Anthracene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 13:30	SS
1912-24-9	Atrazine	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D Certifications:	07/08/2024 14:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/09/2024 13:30	SS



Sample Information

Client Sample ID: SB-2 (6-12)

York Sample ID: 24G0361-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0361

Elka

Soil

July 3, 2024 11:30 am

07/05/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2024 14:45	07/09/2024 13:30	SS
92-87-5	Benzidine	ND		mg/kg dry	0.219	0.438	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	07/08/2024 14:45	07/09/2024 13:30	SS
56-55-3	Benzo(a)anthracene	0.180		mg/kg dry	0.0548	0.109	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/08/2024 14:45	07/09/2024 13:30	SS
50-32-8	Benzo(a)pyrene	0.183		mg/kg dry	0.0548	0.109	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/08/2024 14:45	07/09/2024 13:30	SS
205-99-2	Benzo(b)fluoranthene	0.196		mg/kg dry	0.0548	0.109	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/08/2024 14:45	07/09/2024 13:30	SS
191-24-2	Benzo(g,h,i)perylene	0.152		mg/kg dry	0.0548	0.109	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/08/2024 14:45	07/09/2024 13:30	SS
207-08-9	Benzo(k)fluoranthene	0.181		mg/kg dry	0.0548	0.109	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/08/2024 14:45	07/09/2024 13:30	SS
65-85-0	Benzoic acid	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2024 14:45	07/09/2024 13:30	SS
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2024 14:45	07/09/2024 13:30	SS
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 14:45	07/09/2024 13:30	SS
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 14:45	07/09/2024 13:30	SS
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 14:45	07/09/2024 13:30	SS
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 14:45	07/09/2024 13:30	SS
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 14:45	07/09/2024 13:30	SS
105-60-2	Caprolactam	ND		mg/kg dry	0.109	0.219	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2024 14:45	07/09/2024 13:30	SS
86-74-8	Carbazole	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 14:45	07/09/2024 13:30	SS
218-01-9	Chrysene	0.212		mg/kg dry	0.0548	0.109	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/08/2024 14:45	07/09/2024 13:30	SS
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 14:45	07/09/2024 13:30	SS
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 14:45	07/09/2024 13:30	SS
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 14:45	07/09/2024 13:30	SS
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 14:45	07/09/2024 13:30	SS
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 14:45	07/09/2024 13:30	SS
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 14:45	07/09/2024 13:30	SS



Sample Information

Client Sample ID: SB-2 (6-12)

York Sample ID: 24G0361-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0361

Elka

Soil

July 3, 2024 11:30 am

07/05/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
206-44-0	Fluoranthene	0.407		mg/kg dry	0.0548	0.109	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/08/2024 14:45	07/09/2024 13:30	SS
86-73-7	Fluorene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2024 14:45	07/09/2024 13:30	SS
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 14:45	07/09/2024 13:30	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 14:45	07/09/2024 13:30	SS
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 14:45	07/09/2024 13:30	SS
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 14:45	07/09/2024 13:30	SS
193-39-5	Indeno(1,2,3-cd)pyrene	0.126		mg/kg dry	0.0548	0.109	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/08/2024 14:45	07/09/2024 13:30	SS
78-59-1	Isophorone	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 14:45	07/09/2024 13:30	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 14:45	07/09/2024 13:30	SS
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 14:45	07/09/2024 13:30	SS
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 14:45	07/09/2024 13:30	SS
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 14:45	07/09/2024 13:30	SS
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 14:45	07/09/2024 13:30	SS
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 14:45	07/09/2024 13:30	SS
85-01-8	Phenanthrene	0.136		mg/kg dry	0.0548	0.109	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/08/2024 14:45	07/09/2024 13:30	SS
108-95-2	Phenol	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 14:45	07/09/2024 13:30	SS
129-00-0	Pyrene	0.324		mg/kg dry	0.0548	0.109	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/08/2024 14:45	07/09/2024 13:30	SS
110-86-1	Pyridine	ND		mg/kg dry	0.219	0.438	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 14:45	07/09/2024 13:30	SS
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	58.6 %	20-108								
13127-88-3	Surrogate: SURR: Phenol-d6	56.1 %	23-114								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	54.6 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	61.2 %	21-113								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	67.7 %	19-110								
1718-51-0	Surrogate: SURR: Terphenyl-d14	68.3 %	24-116								



Sample Information

Client Sample ID: SB-2 (6-12)		York Sample ID: 24G0361-02			
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24G0361	Elka	Soil	July 3, 2024 11:30 am	07/05/2024	

Metals, Target Analyte

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
7429-90-5	Aluminum	5680		mg/kg dry	5.50	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:03	AGNR
7440-36-0	Antimony	ND		mg/kg dry	2.75	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:03	AGNR
7440-38-2	Arsenic	4.52		mg/kg dry	1.65	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:03	AGNR
7440-39-3	Barium	36.5		mg/kg dry	2.75	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:03	AGNR
7440-41-7	Beryllium	ND		mg/kg dry	0.055	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:03	AGNR
7440-43-9	Cadmium	ND		mg/kg dry	0.330	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:03	AGNR
7440-70-2	Calcium	27500		mg/kg dry	5.50	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:03	AGNR
7440-47-3	Chromium	14.3		mg/kg dry	0.551	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:03	AGNR
7440-48-4	Cobalt	2.98		mg/kg dry	0.440	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:03	AGNR
7440-50-8	Copper	342		mg/kg dry	2.20	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:03	AGNR
7439-89-6	Iron	7830		mg/kg dry	27.5	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:03	AGNR
7439-92-1	Lead	29.2		mg/kg dry	0.551	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:03	AGNR
7439-95-4	Magnesium	6580		mg/kg dry	5.51	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:03	AGNR
7439-96-5	Manganese	117		mg/kg dry	0.551	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:03	AGNR
7440-02-0	Nickel	7.18		mg/kg dry	1.10	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:03	AGNR
7440-09-7	Potassium	607	B	mg/kg dry	5.51	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:03	AGNR
7782-49-2	Selenium	ND		mg/kg dry	2.75	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:03	AGNR
7440-22-4	Silver	ND		mg/kg dry	0.555	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:03	AGNR
7440-23-5	Sodium	103		mg/kg dry	55.0	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:03	AGNR
7440-28-0	Thallium	ND		mg/kg dry	2.75	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:03	AGNR
7440-62-2	Vanadium	16.1		mg/kg dry	1.10	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:03	AGNR
7440-66-6	Zinc	72.1		mg/kg dry	2.74	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:03	AGNR



Sample Information

Client Sample ID: SB-2 (6-12)

York Sample ID: 24G0361-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0361

Elka

Soil

July 3, 2024 11:30 am

07/05/2024

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	0.0725		mg/kg dry	0.0396	1	EPA 7473 Certifications: CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04	07/10/2024 14:35	07/11/2024 21:38	DRS

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	75.7		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	07/08/2024 12:35	07/08/2024 14:35	HLV

Sample Information

Client Sample ID: SB-3 (6-12)

York Sample ID: 24G0361-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0361

Elka

Soil

July 3, 2024 11:30 am

07/05/2024

Volatiles, 8260 Comprehensive

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
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 14:26	ME
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 14:26	ME
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 14:26	ME
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 14:26	ME
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 14:26	ME
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 14:26	ME
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 14:26	ME
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/10/2024 09:00	07/10/2024 14:26	ME
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/10/2024 09:00	07/10/2024 14:26	ME
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	07/10/2024 09:00	07/10/2024 14:26	ME



Sample Information

Client Sample ID: SB-3 (6-12)

York Sample ID: 24G0361-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0361

Elka

Soil

July 3, 2024 11:30 am

07/05/2024

Volatiles, 8260 Comprehensive

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
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications:	07/10/2024 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/10/2024 14:26	ME
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 14:26	ME
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 14:26	ME
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 14:26	ME
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 14:26	ME
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 14:26	ME
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 14:26	ME
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 14:26	ME
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 14:26	ME
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications:	07/10/2024 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/10/2024 14:26	ME
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 14:26	ME
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.064	0.13	1	EPA 8260C Certifications:	07/10/2024 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/10/2024 14:26	ME
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications:	07/10/2024 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	07/10/2024 14:26	ME
78-93-3	2-Butanone	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 14:26	ME
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 14:26	ME
591-78-6	2-Hexanone	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 14:26	ME
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 14:26	ME
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 14:26	ME
67-64-1	Acetone	ND		mg/kg dry	0.0064	0.013	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 14:26	ME
107-02-8	Acrolein	ND		mg/kg dry	0.0064	0.013	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 14:26	ME
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 14:26	ME
71-43-2	Benzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 14:26	ME
108-86-1	Bromobenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications:	07/10/2024 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/10/2024 14:26	ME



Sample Information

Client Sample ID: SB-3 (6-12)

York Sample ID: 24G0361-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0361

Elka

Soil

July 3, 2024 11:30 am

07/05/2024

Volatiles, 8260 Comprehensive

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
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 14:26	ME
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 14:26	ME
75-25-2	Bromoform	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 14:26	ME
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 14:26	ME
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 14:26	ME
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 14:26	ME
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 14:26	ME
75-00-3	Chloroethane	ND	CCVE, QL-02	mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 14:26	ME
67-66-3	Chloroform	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 14:26	ME
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 14:26	ME
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 14:26	ME
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 14:26	ME
110-82-7	Cyclohexane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 14:26	ME
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 14:26	ME
74-95-3	Dibromomethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 14:26	ME
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 14:26	ME
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 14:26	ME
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 14:26	ME
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 14:26	ME
79-20-9	Methyl acetate	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 14:26	ME
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 14:26	ME
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 14:26	ME
75-09-2	Methylene chloride	ND		mg/kg dry	0.0064	0.013	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 14:26	ME



Sample Information

Client Sample ID: SB-3 (6-12)

York Sample ID: 24G0361-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0361

Elka

Soil

July 3, 2024 11:30 am

07/05/2024

Volatiles, 8260 Comprehensive

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
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 14:26	ME
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 14:26	ME
95-47-6	o-Xylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 14:26	ME
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0064	0.013	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 14:26	ME
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 14:26	ME
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 14:26	ME
100-42-5	Styrene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 14:26	ME
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 14:26	ME
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 14:26	ME
127-18-4	Tetrachloroethylene	0.0047	J	mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 14:26	ME
108-88-3	Toluene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 14:26	ME
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 14:26	ME
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 14:26	ME
79-01-6	Trichloroethylene	0.044		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 14:26	ME
75-69-4	Trichlorofluoromethane	ND	CCVE, QL-02	mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 14:26	ME
108-05-4	Vinyl acetate	ND	ICVE	mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 14:26	ME
75-01-4	Vinyl Chloride	ND	CCVE, QL-02	mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 14:26	ME
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0096	0.019	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 14:26	ME
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	111 %	77-125								
2037-26-5	Surrogate: SURRE: Toluene-d8	98.3 %	85-120								
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	99.4 %	76-130								

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SB-3 (6-12)

York Sample ID: 24G0361-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0361

Elka

Soil

July 3, 2024 11:30 am

07/05/2024

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0476	0.0950	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2024 14:45	07/09/2024 14:00	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0950	0.190	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2024 14:45	07/09/2024 14:00	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 14:45	07/09/2024 14:00	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	07/08/2024 14:45	07/09/2024 14:00	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2024 14:45	07/09/2024 14:00	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	07/08/2024 14:45	07/09/2024 14:00	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	07/08/2024 14:45	07/09/2024 14:00	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0950	0.190	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2024 14:45	07/09/2024 14:00	SS
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 14:45	07/09/2024 14:00	SS
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 14:45	07/09/2024 14:00	SS
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 14:45	07/09/2024 14:00	SS
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 14:45	07/09/2024 14:00	SS
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0950	0.190	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 14:45	07/09/2024 14:00	SS
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 14:45	07/09/2024 14:00	SS
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 14:45	07/09/2024 14:00	SS
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 14:45	07/09/2024 14:00	SS
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 14:45	07/09/2024 14:00	SS
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 14:45	07/09/2024 14:00	SS
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 14:45	07/09/2024 14:00	SS
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0950	0.190	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 14:45	07/09/2024 14:00	SS
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 14:45	07/09/2024 14:00	SS
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 14:45	07/09/2024 14:00	SS
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2024 14:45	07/09/2024 14:00	SS
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0950	0.190	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 14:45	07/09/2024 14:00	SS



Sample Information

Client Sample ID: SB-3 (6-12)

York Sample ID: 24G0361-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0361

Elka

Soil

July 3, 2024 11:30 am

07/05/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0950	0.190	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 14:00	SS
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 14:00	SS
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 14:00	SS
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 14:00	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 14:00	SS
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0950	0.190	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 14:00	SS
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0950	0.190	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 14:00	SS
83-32-9	Acenaphthene	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 14:00	SS
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 14:00	SS
98-86-2	Acetophenone	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D Certifications:	07/08/2024 14:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/09/2024 14:00	SS
62-53-3	Aniline	ND		mg/kg dry	0.190	0.380	2	EPA 8270D Certifications:	07/08/2024 14:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/09/2024 14:00	SS
120-12-7	Anthracene	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 14:00	SS
1912-24-9	Atrazine	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D Certifications:	07/08/2024 14:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/09/2024 14:00	SS
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D Certifications:	07/08/2024 14:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/09/2024 14:00	SS
92-87-5	Benzidine	ND		mg/kg dry	0.190	0.380	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	07/09/2024 14:00	SS
56-55-3	Benzo(a)anthracene	0.198		mg/kg dry	0.0476	0.0950	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 14:00	SS
50-32-8	Benzo(a)pyrene	0.169		mg/kg dry	0.0476	0.0950	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 14:00	SS
205-99-2	Benzo(b)fluoranthene	0.187		mg/kg dry	0.0476	0.0950	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 14:00	SS
191-24-2	Benzo(g,h,i)perylene	0.167		mg/kg dry	0.0476	0.0950	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 14:00	SS
207-08-9	Benzo(k)fluoranthene	0.177		mg/kg dry	0.0476	0.0950	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 14:00	SS
65-85-0	Benzoic acid	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D Certifications:	07/08/2024 14:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/09/2024 14:00	SS
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D Certifications:	07/08/2024 14:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/09/2024 14:00	SS
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 14:00	SS



Sample Information

Client Sample ID: SB-3 (6-12)

York Sample ID: 24G0361-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0361

Elka

Soil

July 3, 2024 11:30 am

07/05/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 14:00	SS
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 14:00	SS
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 14:00	SS
117-81-7	Bis(2-ethylhexyl)phthalate	0.619		mg/kg dry	0.0476	0.0950	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 14:00	SS
105-60-2	Caprolactam	ND		mg/kg dry	0.0950	0.190	2	EPA 8270D Certifications:	07/08/2024 14:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/09/2024 14:00	SS
86-74-8	Carbazole	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 14:00	SS
218-01-9	Chrysene	0.195		mg/kg dry	0.0476	0.0950	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 14:00	SS
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 14:00	SS
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 14:00	SS
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 14:00	SS
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 14:00	SS
84-74-2	Di-n-butyl phthalate	0.157		mg/kg dry	0.0476	0.0950	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 14:00	SS
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 14:00	SS
206-44-0	Fluoranthene	0.404		mg/kg dry	0.0476	0.0950	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 14:00	SS
86-73-7	Fluorene	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D Certifications:	07/08/2024 14:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/09/2024 14:00	SS
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 14:00	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 14:00	SS
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 14:00	SS
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 14:00	SS
193-39-5	Indeno(1,2,3-cd)pyrene	0.127		mg/kg dry	0.0476	0.0950	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 14:00	SS
78-59-1	Isophorone	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 14:00	SS
91-20-3	Naphthalene	0.165		mg/kg dry	0.0476	0.0950	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 14:00	SS
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D Certifications:	07/08/2024 14:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 14:00	SS



Sample Information

Client Sample ID: SB-3 (6-12)			York Sample ID: 24G0361-03		
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24G0361	Elka	Soil	July 3, 2024 11:30 am	07/05/2024	

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 14:45	07/09/2024 14:00	SS
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 14:45	07/09/2024 14:00	SS
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 14:45	07/09/2024 14:00	SS
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 14:45	07/09/2024 14:00	SS
85-01-8	Phenanthrene	0.128		mg/kg dry	0.0476	0.0950	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 14:45	07/09/2024 14:00	SS
108-95-2	Phenol	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 14:45	07/09/2024 14:00	SS
129-00-0	Pyrene	0.327		mg/kg dry	0.0476	0.0950	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 14:45	07/09/2024 14:00	SS
110-86-1	Pyridine	ND		mg/kg dry	0.190	0.380	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 14:45	07/09/2024 14:00	SS
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	64.7 %	20-108								
13127-88-3	Surrogate: SURR: Phenol-d6	61.4 %	23-114								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	61.1 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	64.4 %	21-113								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	75.7 %	19-110								
1718-51-0	Surrogate: SURR: Terphenyl-d14	74.7 %	24-116								

Metals, Target Analyte

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
7429-90-5	Aluminum	4870		mg/kg dry	4.78	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 17:17	07/10/2024 17:05	AGNR
7440-36-0	Antimony	ND		mg/kg dry	2.39	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 17:17	07/10/2024 17:05	AGNR
7440-38-2	Arsenic	8.62		mg/kg dry	1.43	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 17:17	07/10/2024 17:05	AGNR
7440-39-3	Barium	53.9		mg/kg dry	2.38	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 17:17	07/10/2024 17:05	AGNR
7440-41-7	Beryllium	0.115		mg/kg dry	0.048	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 17:17	07/10/2024 17:05	AGNR
7440-43-9	Cadmium	0.755		mg/kg dry	0.287	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 17:17	07/10/2024 17:05	AGNR
7440-70-2	Calcium	3350		mg/kg dry	4.78	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 17:17	07/10/2024 17:05	AGNR



Sample Information

Client Sample ID: SB-3 (6-12)			York Sample ID: 24G0361-03		
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24G0361	Elka	Soil	July 3, 2024 11:30 am	07/05/2024	

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-47-3	Chromium	52.5		mg/kg dry	0.478	1	EPA 6010D	07/09/2024 17:17	07/10/2024 17:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	Cobalt	3.42		mg/kg dry	0.382	1	EPA 6010D	07/09/2024 17:17	07/10/2024 17:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	Copper	41.3		mg/kg dry	1.91	1	EPA 6010D	07/09/2024 17:17	07/10/2024 17:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	Iron	12800		mg/kg dry	23.9	1	EPA 6010D	07/09/2024 17:17	07/10/2024 17:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	Lead	218		mg/kg dry	0.478	1	EPA 6010D	07/09/2024 17:17	07/10/2024 17:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	Magnesium	974		mg/kg dry	4.78	1	EPA 6010D	07/09/2024 17:17	07/10/2024 17:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	Manganese	194		mg/kg dry	0.478	1	EPA 6010D	07/09/2024 17:17	07/10/2024 17:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	Nickel	12.4		mg/kg dry	0.951	1	EPA 6010D	07/09/2024 17:17	07/10/2024 17:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	Potassium	397	B	mg/kg dry	4.78	1	EPA 6010D	07/09/2024 17:17	07/10/2024 17:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	2.39	1	EPA 6010D	07/09/2024 17:17	07/10/2024 17:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-22-4	Silver	ND		mg/kg dry	0.481	1	EPA 6010D	07/09/2024 17:17	07/10/2024 17:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-23-5	Sodium	88.8		mg/kg dry	47.8	1	EPA 6010D	07/09/2024 17:17	07/10/2024 17:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-28-0	Thallium	ND		mg/kg dry	2.39	1	EPA 6010D	07/09/2024 17:17	07/10/2024 17:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-62-2	Vanadium	13.9		mg/kg dry	0.951	1	EPA 6010D	07/09/2024 17:17	07/10/2024 17:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	Zinc	154		mg/kg dry	2.38	1	EPA 6010D	07/09/2024 17:17	07/10/2024 17:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

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	0.0844		mg/kg dry	0.0344	1	EPA 7473	07/10/2024 14:35	07/11/2024 21:38	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04		

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



Sample Information

Client Sample ID: SB-3 (6-12)

York Sample ID: 24G0361-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0361

Elka

Soil

July 3, 2024 11:30 am

07/05/2024

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	87.2		%	0.100	1	SM 2540G	07/08/2024 12:35	07/08/2024 14:35	HLV
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB-4 (6-12)

York Sample ID: 24G0361-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0361

Elka

Soil

July 3, 2024 11:30 am

07/05/2024

Volatiles, 8260 Comprehensive

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
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0040	0.0079	1	EPA 8260C	07/10/2024 09:00	07/10/2024 14:53	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0040	0.0079	1	EPA 8260C	07/10/2024 09:00	07/10/2024 14:53	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0040	0.0079	1	EPA 8260C	07/10/2024 09:00	07/10/2024 14:53	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0040	0.0079	1	EPA 8260C	07/10/2024 09:00	07/10/2024 14:53	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0040	0.0079	1	EPA 8260C	07/10/2024 09:00	07/10/2024 14:53	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0040	0.0079	1	EPA 8260C	07/10/2024 09:00	07/10/2024 14:53	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0040	0.0079	1	EPA 8260C	07/10/2024 09:00	07/10/2024 14:53	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0040	0.0079	1	EPA 8260C	07/10/2024 09:00	07/10/2024 14:53	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0040	0.0079	1	EPA 8260C	07/10/2024 09:00	07/10/2024 14:53	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0040	0.0079	1	EPA 8260C	07/10/2024 09:00	07/10/2024 14:53	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0040	0.0079	1	EPA 8260C	07/10/2024 09:00	07/10/2024 14:53	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0040	0.0079	1	EPA 8260C	07/10/2024 09:00	07/10/2024 14:53	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0040	0.0079	1	EPA 8260C	07/10/2024 09:00	07/10/2024 14:53	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0040	0.0079	1	EPA 8260C	07/10/2024 09:00	07/10/2024 14:53	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		



Sample Information

Client Sample ID: SB-4 (6-12)

York Sample ID: 24G0361-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0361

Elka

Soil

July 3, 2024 11:30 am

07/05/2024

Volatiles, 8260 Comprehensive

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
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0040	0.0079	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 14:53	ME
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0040	0.0079	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 14:53	ME
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0040	0.0079	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 14:53	ME
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0040	0.0079	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 14:53	ME
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0040	0.0079	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 14:53	ME
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0040	0.0079	1	EPA 8260C Certifications:	07/10/2024 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/10/2024 14:53	ME
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0040	0.0079	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 14:53	ME
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.079	0.16	1	EPA 8260C Certifications:	07/10/2024 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/10/2024 14:53	ME
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0040	0.0079	1	EPA 8260C Certifications:	07/10/2024 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	07/10/2024 14:53	ME
78-93-3	2-Butanone	ND		mg/kg dry	0.0040	0.0079	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 14:53	ME
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0040	0.0079	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 14:53	ME
591-78-6	2-Hexanone	ND		mg/kg dry	0.0040	0.0079	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 14:53	ME
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0040	0.0079	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 14:53	ME
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0040	0.0079	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 14:53	ME
67-64-1	Acetone	0.030		mg/kg dry	0.0079	0.016	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 14:53	ME
107-02-8	Acrolein	ND		mg/kg dry	0.0079	0.016	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 14:53	ME
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0040	0.0079	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 14:53	ME
71-43-2	Benzene	ND		mg/kg dry	0.0040	0.0079	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 14:53	ME
108-86-1	Bromobenzene	ND		mg/kg dry	0.0040	0.0079	1	EPA 8260C Certifications:	07/10/2024 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/10/2024 14:53	ME
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0040	0.0079	1	EPA 8260C Certifications:	07/10/2024 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/10/2024 14:53	ME
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0040	0.0079	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 14:53	ME
75-25-2	Bromoform	ND		mg/kg dry	0.0040	0.0079	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 14:53	ME
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0040	0.0079	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 14:53	ME



Sample Information

Client Sample ID: SB-4 (6-12)

York Sample ID: 24G0361-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0361

Elka

Soil

July 3, 2024 11:30 am

07/05/2024

Volatiles, 8260 Comprehensive

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
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0040	0.0079	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 14:53	ME
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0040	0.0079	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 14:53	ME
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0040	0.0079	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 14:53	ME
75-00-3	Chloroethane	ND	CCVE, QL-02	mg/kg dry	0.0040	0.0079	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 14:53	ME
67-66-3	Chloroform	ND		mg/kg dry	0.0040	0.0079	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 14:53	ME
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0040	0.0079	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 14:53	ME
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0040	0.0079	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 14:53	ME
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0040	0.0079	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 14:53	ME
110-82-7	Cyclohexane	ND		mg/kg dry	0.0040	0.0079	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 14:53	ME
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0040	0.0079	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 14:53	ME
74-95-3	Dibromomethane	ND		mg/kg dry	0.0040	0.0079	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 14:53	ME
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0040	0.0079	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 14:53	ME
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0040	0.0079	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 14:53	ME
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0040	0.0079	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 14:53	ME
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0040	0.0079	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 14:53	ME
79-20-9	Methyl acetate	ND		mg/kg dry	0.0040	0.0079	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 14:53	ME
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0040	0.0079	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 14:53	ME
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0040	0.0079	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 14:53	ME
75-09-2	Methylene chloride	ND		mg/kg dry	0.0079	0.016	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 14:53	ME
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0040	0.0079	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 14:53	ME
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0040	0.0079	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 14:53	ME
95-47-6	o-Xylene	ND		mg/kg dry	0.0040	0.0079	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 14:53	ME
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0079	0.016	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 14:53	ME



Sample Information

Client Sample ID: SB-4 (6-12)			York Sample ID: 24G0361-04		
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24G0361	Elka	Soil	July 3, 2024 11:30 am	07/05/2024	

Volatiles, 8260 Comprehensive

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
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0040	0.0079	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 14:53	ME
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0040	0.0079	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 14:53	ME
100-42-5	Styrene	ND		mg/kg dry	0.0040	0.0079	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 14:53	ME
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0040	0.0079	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/10/2024 09:00	07/10/2024 14:53	ME
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0040	0.0079	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 14:53	ME
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0040	0.0079	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 14:53	ME
108-88-3	Toluene	ND		mg/kg dry	0.0040	0.0079	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 14:53	ME
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0040	0.0079	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 14:53	ME
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0040	0.0079	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 14:53	ME
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0040	0.0079	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 14:53	ME
75-69-4	Trichlorofluoromethane	ND	CCVE, QL-02	mg/kg dry	0.0040	0.0079	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 14:53	ME
108-05-4	Vinyl acetate	ND	ICVE	mg/kg dry	0.0040	0.0079	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/10/2024 09:00	07/10/2024 14:53	ME
75-01-4	Vinyl Chloride	ND	CCVE, QL-02	mg/kg dry	0.0040	0.0079	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 14:53	ME
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.012	0.024	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 14:53	ME
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	99.3 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	100 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	105 %	76-130								

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2024 07:42	07/08/2024 20:13	LL
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0918	0.183	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2024 07:42	07/08/2024 20:13	LL
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 20:13	LL



Sample Information

Client Sample ID: SB-4 (6-12)

York Sample ID: 24G0361-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0361

Elka

Soil

July 3, 2024 11:30 am

07/05/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	07/07/2024 07:42	07/08/2024 20:13	LL
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2024 07:42	07/08/2024 20:13	LL
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	07/07/2024 07:42	07/08/2024 20:13	LL
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	07/07/2024 07:42	07/08/2024 20:13	LL
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0918	0.183	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2024 07:42	07/08/2024 20:13	LL
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 20:13	LL
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 20:13	LL
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 20:13	LL
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 20:13	LL
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0918	0.183	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 20:13	LL
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 20:13	LL
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 20:13	LL
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 20:13	LL
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 20:13	LL
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 20:13	LL
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 20:13	LL
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0918	0.183	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 20:13	LL
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 20:13	LL
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 20:13	LL
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2024 07:42	07/08/2024 20:13	LL
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0918	0.183	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 20:13	LL
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E, QL-02	mg/kg dry	0.0918	0.183	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 20:13	LL
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 20:13	LL



Sample Information

Client Sample ID: SB-4 (6-12)

York Sample ID: 24G0361-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0361

Elka

Soil

July 3, 2024 11:30 am

07/05/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 20:13	LL
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 20:13	LL
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 20:13	LL
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0918	0.183	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 20:13	LL
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.0918	0.183	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 20:13	LL
83-32-9	Acenaphthene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 20:13	LL
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 20:13	LL
98-86-2	Acetophenone	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications:	07/07/2024 07:42 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2024 20:13	LL
62-53-3	Aniline	ND		mg/kg dry	0.184	0.367	2	EPA 8270D Certifications:	07/07/2024 07:42 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2024 20:13	LL
120-12-7	Anthracene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 20:13	LL
1912-24-9	Atrazine	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications:	07/07/2024 07:42 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2024 20:13	LL
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications:	07/07/2024 07:42 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2024 20:13	LL
92-87-5	Benzidine	ND		mg/kg dry	0.184	0.367	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	07/08/2024 20:13	LL
56-55-3	Benzo(a)anthracene	0.175		mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/08/2024 20:13	LL
50-32-8	Benzo(a)pyrene	0.164		mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/08/2024 20:13	LL
205-99-2	Benzo(b)fluoranthene	0.162		mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/08/2024 20:13	LL
191-24-2	Benzo(g,h,i)perylene	0.147		mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/08/2024 20:13	LL
207-08-9	Benzo(k)fluoranthene	0.163		mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/08/2024 20:13	LL
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications:	07/07/2024 07:42 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2024 20:13	LL
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications:	07/07/2024 07:42 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2024 20:13	LL
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 20:13	LL
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 20:13	LL
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 20:13	LL



Sample Information

Client Sample ID: SB-4 (6-12)

York Sample ID: 24G0361-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0361

Elka

Soil

July 3, 2024 11:30 am

07/05/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 20:13	LL
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 20:13	LL
105-60-2	Caprolactam	ND		mg/kg dry	0.0918	0.183	2	EPA 8270D Certifications:	07/07/2024 07:42 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2024 20:13	LL
86-74-8	Carbazole	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 20:13	LL
218-01-9	Chrysene	0.183		mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/08/2024 20:13	LL
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 20:13	LL
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 20:13	LL
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 20:13	LL
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 20:13	LL
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 20:13	LL
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 20:13	LL
206-44-0	Fluoranthene	0.271		mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/08/2024 20:13	LL
86-73-7	Fluorene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications:	07/07/2024 07:42 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2024 20:13	LL
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 20:13	LL
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 20:13	LL
77-47-4	Hexachlorocyclopentadiene	ND	ICVE, QL-02	mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 20:13	LL
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 20:13	LL
193-39-5	Indeno(1,2,3-cd)pyrene	0.138		mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/08/2024 20:13	LL
78-59-1	Isophorone	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 20:13	LL
91-20-3	Naphthalene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 20:13	LL
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 20:13	LL
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 20:13	LL
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 20:13	LL



Sample Information

Client Sample ID: SB-4 (6-12)

York Sample ID: 24G0361-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0361

Elka

Soil

July 3, 2024 11:30 am

07/05/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 20:13	LL
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 20:13	LL
85-01-8	Phenanthrene	0.121		mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 20:13	LL
108-95-2	Phenol	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 20:13	LL
129-00-0	Pyrene	0.277		mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 20:13	LL
110-86-1	Pyridine	ND		mg/kg dry	0.184	0.367	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 20:13	LL
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	72.1 %	20-108								
13127-88-3	Surrogate: SURR: Phenol-d6	78.4 %	23-114								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	74.6 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	74.6 %	21-113								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	65.4 %	19-110								
1718-51-0	Surrogate: SURR: Terphenyl-d14	80.5 %	24-116								

Metals, Target Analyte

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
7429-90-5	Aluminum	7110		mg/kg dry	4.61	1	EPA 6010D Certifications:	07/09/2024 17:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/10/2024 17:06	AGNR
7440-36-0	Antimony	ND		mg/kg dry	2.31	1	EPA 6010D Certifications:	07/09/2024 17:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/10/2024 17:06	AGNR
7440-38-2	Arsenic	6.05		mg/kg dry	1.38	1	EPA 6010D Certifications:	07/09/2024 17:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/10/2024 17:06	AGNR
7440-39-3	Barium	50.3		mg/kg dry	2.30	1	EPA 6010D Certifications:	07/09/2024 17:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/10/2024 17:06	AGNR
7440-41-7	Beryllium	ND		mg/kg dry	0.047	1	EPA 6010D Certifications:	07/09/2024 17:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/10/2024 17:06	AGNR
7440-43-9	Cadmium	ND		mg/kg dry	0.277	1	EPA 6010D Certifications:	07/09/2024 17:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/10/2024 17:06	AGNR
7440-70-2	Calcium	54300		mg/kg dry	4.62	1	EPA 6010D Certifications:	07/09/2024 17:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/10/2024 17:06	AGNR
7440-47-3	Chromium	13.8		mg/kg dry	0.462	1	EPA 6010D Certifications:	07/09/2024 17:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/10/2024 17:06	AGNR
7440-48-4	Cobalt	6.05		mg/kg dry	0.369	1	EPA 6010D Certifications:	07/09/2024 17:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/10/2024 17:06	AGNR



Sample Information

Client Sample ID: SB-4 (6-12)			York Sample ID: 24G0361-04		
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24G0361	Elka	Soil	July 3, 2024 11:30 am	07/05/2024	

Metals, Target Analyte

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
7440-50-8	Copper	29.5		mg/kg dry	1.85	1	EPA 6010D	07/09/2024 17:17	07/10/2024 17:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	Iron	11400		mg/kg dry	23.1	1	EPA 6010D	07/09/2024 17:17	07/10/2024 17:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	Lead	17.4		mg/kg dry	0.462	1	EPA 6010D	07/09/2024 17:17	07/10/2024 17:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	Magnesium	4580		mg/kg dry	4.62	1	EPA 6010D	07/09/2024 17:17	07/10/2024 17:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	Manganese	150		mg/kg dry	0.462	1	EPA 6010D	07/09/2024 17:17	07/10/2024 17:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	Nickel	8.88		mg/kg dry	0.919	1	EPA 6010D	07/09/2024 17:17	07/10/2024 17:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	Potassium	899	B	mg/kg dry	4.62	1	EPA 6010D	07/09/2024 17:17	07/10/2024 17:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	2.31	1	EPA 6010D	07/09/2024 17:17	07/10/2024 17:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-22-4	Silver	ND		mg/kg dry	0.465	1	EPA 6010D	07/09/2024 17:17	07/10/2024 17:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-23-5	Sodium	221		mg/kg dry	46.2	1	EPA 6010D	07/09/2024 17:17	07/10/2024 17:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-28-0	Thallium	ND		mg/kg dry	2.31	1	EPA 6010D	07/09/2024 17:17	07/10/2024 17:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-62-2	Vanadium	27.0		mg/kg dry	0.919	1	EPA 6010D	07/09/2024 17:17	07/10/2024 17:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	Zinc	48.8		mg/kg dry	2.30	1	EPA 6010D	07/09/2024 17:17	07/10/2024 17:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0656		mg/kg dry	0.0332	1	EPA 7473	07/09/2024 16:25	07/10/2024 21:57	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04		

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	90.3		%	0.100	1	SM 2540G	07/08/2024 12:35	07/08/2024 14:35	HLY
							Certifications:	CTDOH-PH-0723		



Sample Information

Client Sample ID: SB-5 (6-12)

York Sample ID: 24G0361-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0361

Elka

Soil

July 3, 2024 11:30 am

07/05/2024

Volatiles, 8260 Comprehensive

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
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 15:19	ME
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 15:19	ME
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 15:19	ME
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 15:19	ME
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 15:19	ME
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 15:19	ME
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 15:19	ME
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/10/2024 09:00	07/10/2024 15:19	ME
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/10/2024 09:00	07/10/2024 15:19	ME
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	07/10/2024 09:00	07/10/2024 15:19	ME
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/10/2024 09:00	07/10/2024 15:19	ME
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 15:19	ME
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 15:19	ME
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 15:19	ME
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 15:19	ME
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 15:19	ME
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 15:19	ME
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 15:19	ME
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 15:19	ME
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/10/2024 09:00	07/10/2024 15:19	ME
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 15:19	ME
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.048	0.096	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/10/2024 09:00	07/10/2024 15:19	ME
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	07/10/2024 09:00	07/10/2024 15:19	ME



Sample Information

Client Sample ID: SB-5 (6-12)

York Sample ID: 24G0361-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0361

Elka

Soil

July 3, 2024 11:30 am

07/05/2024

Volatiles, 8260 Comprehensive

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
78-93-3	2-Butanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:19	ME
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:19	ME
591-78-6	2-Hexanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:19	ME
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:19	ME
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:19	ME
67-64-1	Acetone	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:19	ME
107-02-8	Acrolein	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:19	ME
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:19	ME
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:19	ME
108-86-1	Bromobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:19	ME
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:19	ME
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:19	ME
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:19	ME
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:19	ME
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:19	ME
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:19	ME
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:19	ME
75-00-3	Chloroethane	ND	CCVE, QL-02	mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:19	ME
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:19	ME
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:19	ME
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:19	ME
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:19	ME
110-82-7	Cyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:19	ME



Sample Information

Client Sample ID: SB-5 (6-12)

York Sample ID: 24G0361-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0361

Elka

Soil

July 3, 2024 11:30 am

07/05/2024

Volatiles, 8260 Comprehensive

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
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:19	ME
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:19	ME
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:19	ME
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:19	ME
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:19	ME
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:19	ME
79-20-9	Methyl acetate	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:19	ME
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:19	ME
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:19	ME
75-09-2	Methylene chloride	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:19	ME
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:19	ME
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:19	ME
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:19	ME
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:19	ME
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:19	ME
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:19	ME
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:19	ME
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:19	ME
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:19	ME
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:19	ME
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:19	ME
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:19	ME
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:19	ME



Sample Information

Client Sample ID: SB-5 (6-12)

York Sample ID: 24G0361-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0361

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July 3, 2024 11:30 am

07/05/2024

Volatiles, 8260 Comprehensive

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
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:19	ME
75-69-4	Trichlorofluoromethane	ND	CCVE, QL-02	mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:19	ME
108-05-4	Vinyl acetate	ND	ICVE	mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:19	ME
75-01-4	Vinyl Chloride	ND	CCVE, QL-02	mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:19	ME
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0072	0.014	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:19	ME
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	96.6 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	101 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	107 %	76-130								

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0453	0.0905	2	EPA 8270D Certifications:	07/07/2024 07:42	07/08/2024 20:42	LL
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0905	0.181	2	EPA 8270D Certifications:	07/07/2024 07:42	07/08/2024 20:42	LL
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0453	0.0905	2	EPA 8270D Certifications:	07/07/2024 07:42	07/08/2024 20:42	LL
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0453	0.0905	2	EPA 8270D Certifications:	07/07/2024 07:42	07/08/2024 20:42	LL
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0453	0.0905	2	EPA 8270D Certifications:	07/07/2024 07:42	07/08/2024 20:42	LL
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0453	0.0905	2	EPA 8270D Certifications:	07/07/2024 07:42	07/08/2024 20:42	LL
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0453	0.0905	2	EPA 8270D Certifications:	07/07/2024 07:42	07/08/2024 20:42	LL
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0905	0.181	2	EPA 8270D Certifications:	07/07/2024 07:42	07/08/2024 20:42	LL
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0453	0.0905	2	EPA 8270D Certifications:	07/07/2024 07:42	07/08/2024 20:42	LL
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0453	0.0905	2	EPA 8270D Certifications:	07/07/2024 07:42	07/08/2024 20:42	LL
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0453	0.0905	2	EPA 8270D Certifications:	07/07/2024 07:42	07/08/2024 20:42	LL
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0453	0.0905	2	EPA 8270D Certifications:	07/07/2024 07:42	07/08/2024 20:42	LL



Sample Information

Client Sample ID: SB-5 (6-12)

York Sample ID: 24G0361-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0361

Elka

Soil

July 3, 2024 11:30 am

07/05/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0905	0.181	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 20:42	LL
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0453	0.0905	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 20:42	LL
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0453	0.0905	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 20:42	LL
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0453	0.0905	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 20:42	LL
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0453	0.0905	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 20:42	LL
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0453	0.0905	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 20:42	LL
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0453	0.0905	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 20:42	LL
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0905	0.181	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 20:42	LL
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0453	0.0905	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 20:42	LL
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0453	0.0905	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 20:42	LL
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0453	0.0905	2	EPA 8270D Certifications:	07/07/2024 07:42 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2024 20:42	LL
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0905	0.181	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 20:42	LL
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E, QL-02	mg/kg dry	0.0905	0.181	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 20:42	LL
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0453	0.0905	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 20:42	LL
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0453	0.0905	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 20:42	LL
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0453	0.0905	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 20:42	LL
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0453	0.0905	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 20:42	LL
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0905	0.181	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 20:42	LL
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.0905	0.181	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 20:42	LL
83-32-9	Acenaphthene	ND		mg/kg dry	0.0453	0.0905	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 20:42	LL
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0453	0.0905	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 20:42	LL
98-86-2	Acetophenone	ND		mg/kg dry	0.0453	0.0905	2	EPA 8270D Certifications:	07/07/2024 07:42 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2024 20:42	LL
62-53-3	Aniline	ND		mg/kg dry	0.181	0.362	2	EPA 8270D Certifications:	07/07/2024 07:42 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2024 20:42	LL



Sample Information

Client Sample ID: SB-5 (6-12)

York Sample ID: 24G0361-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0361

Elka

Soil

July 3, 2024 11:30 am

07/05/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	0.0709	J	mg/kg dry	0.0453	0.0905	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/07/2024 07:42	07/08/2024 20:42	LL
1912-24-9	Atrazine	ND		mg/kg dry	0.0453	0.0905	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2024 07:42	07/08/2024 20:42	LL
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0453	0.0905	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2024 07:42	07/08/2024 20:42	LL
92-87-5	Benzidine	ND		mg/kg dry	0.181	0.362	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	07/07/2024 07:42	07/08/2024 20:42	LL
56-55-3	Benzo(a)anthracene	0.577		mg/kg dry	0.0453	0.0905	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/07/2024 07:42	07/08/2024 20:42	LL
50-32-8	Benzo(a)pyrene	0.660		mg/kg dry	0.0453	0.0905	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/07/2024 07:42	07/08/2024 20:42	LL
205-99-2	Benzo(b)fluoranthene	0.667		mg/kg dry	0.0453	0.0905	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/07/2024 07:42	07/08/2024 20:42	LL
191-24-2	Benzo(g,h,i)perylene	0.479		mg/kg dry	0.0453	0.0905	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/07/2024 07:42	07/08/2024 20:42	LL
207-08-9	Benzo(k)fluoranthene	0.647		mg/kg dry	0.0453	0.0905	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/07/2024 07:42	07/08/2024 20:42	LL
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0453	0.0905	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2024 07:42	07/08/2024 20:42	LL
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0453	0.0905	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2024 07:42	07/08/2024 20:42	LL
85-68-7	Benzyl butyl phthalate	0.0485	J	mg/kg dry	0.0453	0.0905	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/07/2024 07:42	07/08/2024 20:42	LL
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0453	0.0905	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/07/2024 07:42	07/08/2024 20:42	LL
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0453	0.0905	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/07/2024 07:42	07/08/2024 20:42	LL
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0453	0.0905	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/07/2024 07:42	07/08/2024 20:42	LL
117-81-7	Bis(2-ethylhexyl)phthalate	0.176		mg/kg dry	0.0453	0.0905	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/07/2024 07:42	07/08/2024 20:42	LL
105-60-2	Caprolactam	ND		mg/kg dry	0.0905	0.181	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2024 07:42	07/08/2024 20:42	LL
86-74-8	Carbazole	0.0564	J	mg/kg dry	0.0453	0.0905	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/07/2024 07:42	07/08/2024 20:42	LL
218-01-9	Chrysene	0.756		mg/kg dry	0.0453	0.0905	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/07/2024 07:42	07/08/2024 20:42	LL
53-70-3	Dibenzo(a,h)anthracene	0.173		mg/kg dry	0.0453	0.0905	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/07/2024 07:42	07/08/2024 20:42	LL
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0453	0.0905	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/07/2024 07:42	07/08/2024 20:42	LL
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0453	0.0905	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/07/2024 07:42	07/08/2024 20:42	LL
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0453	0.0905	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/07/2024 07:42	07/08/2024 20:42	LL



Sample Information

Client Sample ID: SB-5 (6-12)

York Sample ID: 24G0361-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G0361	Elka	Soil	July 3, 2024 11:30 am	07/05/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0453	0.0905	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 20:42	LL
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0453	0.0905	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 20:42	LL
206-44-0	Fluoranthene	1.15		mg/kg dry	0.0453	0.0905	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 20:42	LL
86-73-7	Fluorene	ND		mg/kg dry	0.0453	0.0905	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2024 07:42	07/08/2024 20:42	LL
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0453	0.0905	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 20:42	LL
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0453	0.0905	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 20:42	LL
77-47-4	Hexachlorocyclopentadiene	ND	ICVE, QL-02	mg/kg dry	0.0453	0.0905	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 20:42	LL
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0453	0.0905	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 20:42	LL
193-39-5	Indeno(1,2,3-cd)pyrene	0.513		mg/kg dry	0.0453	0.0905	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 20:42	LL
78-59-1	Isophorone	ND		mg/kg dry	0.0453	0.0905	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 20:42	LL
91-20-3	Naphthalene	ND		mg/kg dry	0.0453	0.0905	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 20:42	LL
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0453	0.0905	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 20:42	LL
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0453	0.0905	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 20:42	LL
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0453	0.0905	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 20:42	LL
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0453	0.0905	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 20:42	LL
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0453	0.0905	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 20:42	LL
85-01-8	Phenanthrene	0.421		mg/kg dry	0.0453	0.0905	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 20:42	LL
108-95-2	Phenol	ND		mg/kg dry	0.0453	0.0905	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 20:42	LL
129-00-0	Pyrene	1.07		mg/kg dry	0.0453	0.0905	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 20:42	LL
110-86-1	Pyridine	ND		mg/kg dry	0.181	0.362	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 20:42	LL
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	63.8 %	20-108								
13127-88-3	Surrogate: SURR: Phenol-d6	64.4 %	23-114								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	57.7 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	60.3 %	21-113								



Sample Information

Client Sample ID: SB-5 (6-12)

York Sample ID: 24G0361-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0361

Elka

Soil

July 3, 2024 11:30 am

07/05/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	65.6 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	64.7 %			24-116						

Metals, Target Analyte

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
7429-90-5	Aluminum	6950		mg/kg dry	4.55	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:07	AGNR
7440-36-0	Antimony	ND		mg/kg dry	2.27	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:07	AGNR
7440-38-2	Arsenic	4.66		mg/kg dry	1.36	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:07	AGNR
7440-39-3	Barium	41.7		mg/kg dry	2.27	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:07	AGNR
7440-41-7	Beryllium	ND		mg/kg dry	0.046	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:07	AGNR
7440-43-9	Cadmium	ND		mg/kg dry	0.273	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:07	AGNR
7440-70-2	Calcium	32300		mg/kg dry	4.55	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:07	AGNR
7440-47-3	Chromium	14.2		mg/kg dry	0.455	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:07	AGNR
7440-48-4	Cobalt	4.31		mg/kg dry	0.364	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:07	AGNR
7440-50-8	Copper	24.8		mg/kg dry	1.82	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:07	AGNR
7439-89-6	Iron	8930		mg/kg dry	22.7	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:07	AGNR
7439-92-1	Lead	34.6		mg/kg dry	0.455	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:07	AGNR
7439-95-4	Magnesium	3480		mg/kg dry	4.55	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:07	AGNR
7439-96-5	Manganese	137		mg/kg dry	0.455	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:07	AGNR
7440-02-0	Nickel	8.16		mg/kg dry	0.906	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:07	AGNR
7440-09-7	Potassium	855	B	mg/kg dry	4.55	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:07	AGNR
7782-49-2	Selenium	ND		mg/kg dry	2.27	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:07	AGNR
7440-22-4	Silver	ND		mg/kg dry	0.459	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:07	AGNR



Sample Information

Client Sample ID: SB-5 (6-12)		York Sample ID: 24G0361-05			
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24G0361	Elka	Soil	July 3, 2024 11:30 am	07/05/2024	

Metals, Target Analyte

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
7440-23-5	Sodium	193		mg/kg dry	45.5	1	EPA 6010D	07/09/2024 17:17	07/10/2024 17:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-28-0	Thallium	ND		mg/kg dry	2.27	1	EPA 6010D	07/09/2024 17:17	07/10/2024 17:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-62-2	Vanadium	21.8		mg/kg dry	0.906	1	EPA 6010D	07/09/2024 17:17	07/10/2024 17:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	Zinc	54.6		mg/kg dry	2.27	1	EPA 6010D	07/09/2024 17:17	07/10/2024 17:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

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	0.0585		mg/kg dry	0.0328	1	EPA 7473	07/09/2024 16:25	07/10/2024 21:57	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	91.6		%	0.100	1	SM 2540G	07/08/2024 12:35	07/08/2024 14:35	HLY
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB-6 (6-12)		York Sample ID: 24G0361-06			
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24G0361	Elka	Soil	July 3, 2024 11:30 am	07/05/2024	

Volatiles, 8260 Comprehensive

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
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	07/10/2024 09:00	07/10/2024 15:46	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	07/10/2024 09:00	07/10/2024 15:46	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	07/10/2024 09:00	07/10/2024 15:46	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		



Sample Information

Client Sample ID: SB-6 (6-12)

York Sample ID: 24G0361-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0361

Elka

Soil

July 3, 2024 11:30 am

07/05/2024

Volatiles, 8260 Comprehensive

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
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 15:46	ME
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 15:46	ME
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 15:46	ME
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 15:46	ME
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	07/10/2024 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/10/2024 15:46	ME
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	07/10/2024 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/10/2024 15:46	ME
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	07/10/2024 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	07/10/2024 15:46	ME
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	07/10/2024 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/10/2024 15:46	ME
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 15:46	ME
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 15:46	ME
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 15:46	ME
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 15:46	ME
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 15:46	ME
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 15:46	ME
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 15:46	ME
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 15:46	ME
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	07/10/2024 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/10/2024 15:46	ME
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 15:46	ME
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.056	0.11	1	EPA 8260C Certifications:	07/10/2024 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/10/2024 15:46	ME
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	07/10/2024 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	07/10/2024 15:46	ME
78-93-3	2-Butanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 15:46	ME
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 15:46	ME
591-78-6	2-Hexanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 15:46	ME



Sample Information

Client Sample ID: SB-6 (6-12)

York Sample ID: 24G0361-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0361

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July 3, 2024 11:30 am

07/05/2024

Volatiles, 8260 Comprehensive

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
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:46	ME
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:46	ME
67-64-1	Acetone	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:46	ME
107-02-8	Acrolein	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:46	ME
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:46	ME
71-43-2	Benzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:46	ME
108-86-1	Bromobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:46	ME
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:46	ME
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:46	ME
75-25-2	Bromoform	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:46	ME
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:46	ME
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:46	ME
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:46	ME
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:46	ME
75-00-3	Chloroethane	ND	CCVE, QL-02	mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:46	ME
67-66-3	Chloroform	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:46	ME
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:46	ME
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:46	ME
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:46	ME
110-82-7	Cyclohexane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:46	ME
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:46	ME
74-95-3	Dibromomethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:46	ME
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:46	ME



Sample Information

Client Sample ID: SB-6 (6-12)

York Sample ID: 24G0361-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0361

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July 3, 2024 11:30 am

07/05/2024

Volatiles, 8260 Comprehensive

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
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:46	ME
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:46	ME
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:46	ME
79-20-9	Methyl acetate	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:46	ME
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:46	ME
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:46	ME
75-09-2	Methylene chloride	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:46	ME
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:46	ME
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:46	ME
95-47-6	o-Xylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:46	ME
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:46	ME
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:46	ME
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:46	ME
100-42-5	Styrene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:46	ME
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:46	ME
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:46	ME
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:46	ME
108-88-3	Toluene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:46	ME
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:46	ME
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:46	ME
79-01-6	Trichloroethylene	0.010		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:46	ME
75-69-4	Trichlorofluoromethane	ND	CCVE, QL-02	mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:46	ME
108-05-4	Vinyl acetate	ND	ICVE	mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:46	ME



Sample Information

Client Sample ID: SB-6 (6-12)

York Sample ID: 24G0361-06

York Project (SDG) No.

Client Project ID

Matrix

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24G0361

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July 3, 2024 11:30 am

07/05/2024

Volatiles, 8260 Comprehensive

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
75-01-4	Vinyl Chloride	ND	CCVE, QL-02	mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:46	ME
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0084	0.017	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 15:46	ME
	Surrogate Recoveries	Result			Acceptance Range						
17060-07-0	Surrogate: <i>SURR:</i> <i>1,2-Dichloroethane-d4</i>	99.7 %			77-125						
2037-26-5	Surrogate: <i>SURR:</i> <i>Toluene-d8</i>	101 %			85-120						
460-00-4	Surrogate: <i>SURR:</i> <i>p-Bromofluorobenzene</i>	106 %			76-130						

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0451	0.0901	2	EPA 8270D Certifications:	07/07/2024 07:42	07/08/2024 21:12	LL
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270D Certifications:	07/07/2024 07:42	07/08/2024 21:12	LL
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D Certifications:	07/07/2024 07:42	07/08/2024 21:12	LL
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D Certifications:	07/07/2024 07:42	07/08/2024 21:12	LL
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D Certifications:	07/07/2024 07:42	07/08/2024 21:12	LL
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D Certifications:	07/07/2024 07:42	07/08/2024 21:12	LL
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D Certifications:	07/07/2024 07:42	07/08/2024 21:12	LL
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0901	0.180	2	EPA 8270D Certifications:	07/07/2024 07:42	07/08/2024 21:12	LL
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D Certifications:	07/07/2024 07:42	07/08/2024 21:12	LL
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D Certifications:	07/07/2024 07:42	07/08/2024 21:12	LL
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D Certifications:	07/07/2024 07:42	07/08/2024 21:12	LL
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0451	0.0901	2	EPA 8270D Certifications:	07/07/2024 07:42	07/08/2024 21:12	LL
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0901	0.180	2	EPA 8270D Certifications:	07/07/2024 07:42	07/08/2024 21:12	LL
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D Certifications:	07/07/2024 07:42	07/08/2024 21:12	LL
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D Certifications:	07/07/2024 07:42	07/08/2024 21:12	LL



Sample Information

Client Sample ID: SB-6 (6-12)

York Sample ID: 24G0361-06

York Project (SDG) No.

Client Project ID

Matrix

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24G0361

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July 3, 2024 11:30 am

07/05/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 21:12	LL
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 21:12	LL
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 21:12	LL
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 21:12	LL
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0901	0.180	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 21:12	LL
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 21:12	LL
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 21:12	LL
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D Certifications:	07/07/2024 07:42 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2024 21:12	LL
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0901	0.180	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 21:12	LL
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E, QL-02	mg/kg dry	0.0901	0.180	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 21:12	LL
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 21:12	LL
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 21:12	LL
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 21:12	LL
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 21:12	LL
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0901	0.180	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 21:12	LL
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.0901	0.180	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 21:12	LL
83-32-9	Acenaphthene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 21:12	LL
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 21:12	LL
98-86-2	Acetophenone	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D Certifications:	07/07/2024 07:42 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2024 21:12	LL
62-53-3	Aniline	ND		mg/kg dry	0.180	0.361	2	EPA 8270D Certifications:	07/07/2024 07:42 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2024 21:12	LL
120-12-7	Anthracene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 21:12	LL
1912-24-9	Atrazine	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D Certifications:	07/07/2024 07:42 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2024 21:12	LL
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D Certifications:	07/07/2024 07:42 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2024 21:12	LL



Sample Information

Client Sample ID: SB-6 (6-12)

York Sample ID: 24G0361-06

York Project (SDG) No.

Client Project ID

Matrix

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24G0361

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July 3, 2024 11:30 am

07/05/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-87-5	Benzidine	ND		mg/kg dry	0.180	0.361	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	07/07/2024 07:42	07/08/2024 21:12	LL
56-55-3	Benzo(a)anthracene	0.0778	J	mg/kg dry	0.0451	0.0901	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/07/2024 07:42	07/08/2024 21:12	LL
50-32-8	Benzo(a)pyrene	0.0835	J	mg/kg dry	0.0451	0.0901	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/07/2024 07:42	07/08/2024 21:12	LL
205-99-2	Benzo(b)fluoranthene	0.0893	J	mg/kg dry	0.0451	0.0901	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/07/2024 07:42	07/08/2024 21:12	LL
191-24-2	Benzo(g,h,i)perylene	0.0670	J	mg/kg dry	0.0451	0.0901	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/07/2024 07:42	07/08/2024 21:12	LL
207-08-9	Benzo(k)fluoranthene	0.0749	J	mg/kg dry	0.0451	0.0901	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/07/2024 07:42	07/08/2024 21:12	LL
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0451	0.0901	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2024 07:42	07/08/2024 21:12	LL
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2024 07:42	07/08/2024 21:12	LL
85-68-7	Benzyl butyl phthalate	0.183		mg/kg dry	0.0451	0.0901	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/07/2024 07:42	07/08/2024 21:12	LL
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 21:12	LL
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 21:12	LL
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 21:12	LL
117-81-7	Bis(2-ethylhexyl)phthalate	0.413		mg/kg dry	0.0451	0.0901	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/07/2024 07:42	07/08/2024 21:12	LL
105-60-2	Caprolactam	ND		mg/kg dry	0.0901	0.180	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2024 07:42	07/08/2024 21:12	LL
86-74-8	Carbazole	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 21:12	LL
218-01-9	Chrysene	0.0943		mg/kg dry	0.0451	0.0901	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/07/2024 07:42	07/08/2024 21:12	LL
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 21:12	LL
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 21:12	LL
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 21:12	LL
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 21:12	LL
84-74-2	Di-n-butyl phthalate	0.126		mg/kg dry	0.0451	0.0901	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/07/2024 07:42	07/08/2024 21:12	LL
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 21:12	LL
206-44-0	Fluoranthene	0.126		mg/kg dry	0.0451	0.0901	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/07/2024 07:42	07/08/2024 21:12	LL



Sample Information

Client Sample ID: SB-6 (6-12)

York Sample ID: 24G0361-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0361

Elka

Soil

July 3, 2024 11:30 am

07/05/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2024 07:42	07/08/2024 21:12	LL
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 21:12	LL
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 21:12	LL
77-47-4	Hexachlorocyclopentadiene	ND	ICVE, QL-02	mg/kg dry	0.0451	0.0901	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 21:12	LL
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 21:12	LL
193-39-5	Indeno(1,2,3-cd)pyrene	0.0770	J	mg/kg dry	0.0451	0.0901	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 21:12	LL
78-59-1	Isophorone	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 21:12	LL
91-20-3	Naphthalene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 21:12	LL
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 21:12	LL
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 21:12	LL
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 21:12	LL
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 21:12	LL
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0451	0.0901	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 21:12	LL
85-01-8	Phenanthrene	0.0482	J	mg/kg dry	0.0451	0.0901	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 21:12	LL
108-95-2	Phenol	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 21:12	LL
129-00-0	Pyrene	0.133		mg/kg dry	0.0451	0.0901	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 21:12	LL
110-86-1	Pyridine	ND		mg/kg dry	0.180	0.361	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 21:12	LL
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	55.8 %	20-108								
13127-88-3	Surrogate: SURR: Phenol-d6	58.3 %	23-114								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	61.0 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	62.2 %	21-113								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	74.4 %	19-110								
1718-51-0	Surrogate: SURR: Terphenyl-d14	68.8 %	24-116								

Metals, Target Analyte

Log-in Notes:

Sample Notes:

120 RESEARCH DRIVE
www.YORKLAB.com

STRATFORD, CT 06615
(203) 325-1371

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

RICHMOND HILL, NY 11418
ClientServices@



Sample Information

Client Sample ID: SB-6 (6-12)

York Sample ID: 24G0361-06

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
24G0361	Elka	Soil	July 3, 2024 11:30 am	07/05/2024

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
7429-90-5	Aluminum	3740		mg/kg dry	4.53	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:09	AGNR
7440-36-0	Antimony	ND		mg/kg dry	2.26	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:09	AGNR
7440-38-2	Arsenic	4.13		mg/kg dry	1.36	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:09	AGNR
7440-39-3	Barium	25.0		mg/kg dry	2.26	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:09	AGNR
7440-41-7	Beryllium	ND		mg/kg dry	0.046	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:09	AGNR
7440-43-9	Cadmium	0.625		mg/kg dry	0.272	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:09	AGNR
7440-70-2	Calcium	2410		mg/kg dry	4.53	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:09	AGNR
7440-47-3	Chromium	10.1		mg/kg dry	0.453	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:09	AGNR
7440-48-4	Cobalt	2.55		mg/kg dry	0.362	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:09	AGNR
7440-50-8	Copper	24.5		mg/kg dry	1.81	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:09	AGNR
7439-89-6	Iron	7070		mg/kg dry	22.6	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:09	AGNR
7439-92-1	Lead	51.0		mg/kg dry	0.453	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:09	AGNR
7439-95-4	Magnesium	1000		mg/kg dry	4.53	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:09	AGNR
7439-96-5	Manganese	97.9		mg/kg dry	0.453	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:09	AGNR
7440-02-0	Nickel	6.36		mg/kg dry	0.902	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:09	AGNR
7440-09-7	Potassium	336	B	mg/kg dry	4.53	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:09	AGNR
7782-49-2	Selenium	ND		mg/kg dry	2.26	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:09	AGNR
7440-22-4	Silver	ND		mg/kg dry	0.457	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:09	AGNR
7440-23-5	Sodium	46.5		mg/kg dry	45.3	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:09	AGNR
7440-28-0	Thallium	ND		mg/kg dry	2.26	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:09	AGNR
7440-62-2	Vanadium	10.1		mg/kg dry	0.902	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:09	AGNR
7440-66-6	Zinc	83.1		mg/kg dry	2.26	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:09	AGNR



Sample Information

Client Sample ID: SB-6 (6-12)

York Sample ID: 24G0361-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0361

Elka

Soil

July 3, 2024 11:30 am

07/05/2024

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	0.0682		mg/kg dry	0.0326	1	EPA 7473	07/09/2024 16:25	07/10/2024 21:57	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04		

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	92.0		%	0.100	1	SM 2540G	07/08/2024 12:35	07/08/2024 14:35	HLV
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB-7 (6-12)

York Sample ID: 24G0361-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0361

Elka

Soil

July 3, 2024 11:30 am

07/05/2024

Volatiles, 8260 Comprehensive

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
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 16:12	ME
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 16:12	ME
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 16:12	ME
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 16:12	ME
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 16:12	ME
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 16:12	ME
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 16:12	ME
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260C Certifications:	07/10/2024 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/10/2024 16:12	ME
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260C Certifications:	07/10/2024 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/10/2024 16:12	ME
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260C Certifications:	07/10/2024 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	07/10/2024 16:12	ME



Sample Information

Client Sample ID: SB-7 (6-12)

York Sample ID: 24G0361-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0361

Elka

Soil

July 3, 2024 11:30 am

07/05/2024

Volatiles, 8260 Comprehensive

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
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260C Certifications:	07/10/2024 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/10/2024 16:12	ME
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 16:12	ME
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 16:12	ME
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 16:12	ME
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 16:12	ME
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 16:12	ME
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 16:12	ME
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 16:12	ME
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 16:12	ME
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260C Certifications:	07/10/2024 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/10/2024 16:12	ME
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 16:12	ME
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.077	0.15	1	EPA 8260C Certifications:	07/10/2024 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/10/2024 16:12	ME
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260C Certifications:	07/10/2024 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	07/10/2024 16:12	ME
78-93-3	2-Butanone	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 16:12	ME
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 16:12	ME
591-78-6	2-Hexanone	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 16:12	ME
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 16:12	ME
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 16:12	ME
67-64-1	Acetone	ND		mg/kg dry	0.0077	0.015	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 16:12	ME
107-02-8	Acrolein	ND		mg/kg dry	0.0077	0.015	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 16:12	ME
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 16:12	ME
71-43-2	Benzene	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 16:12	ME
108-86-1	Bromobenzene	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260C Certifications:	07/10/2024 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/10/2024 16:12	ME



Sample Information

Client Sample ID: SB-7 (6-12)

York Sample ID: 24G0361-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0361

Elka

Soil

July 3, 2024 11:30 am

07/05/2024

Volatiles, 8260 Comprehensive

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
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:12	ME
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:12	ME
75-25-2	Bromoform	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:12	ME
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0039	0.0077	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:12	ME
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:12	ME
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:12	ME
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:12	ME
75-00-3	Chloroethane	ND	CCVE, QL-02	mg/kg dry	0.0039	0.0077	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:12	ME
67-66-3	Chloroform	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:12	ME
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0039	0.0077	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:12	ME
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:12	ME
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:12	ME
110-82-7	Cyclohexane	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:12	ME
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:12	ME
74-95-3	Dibromomethane	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:12	ME
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0039	0.0077	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:12	ME
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:12	ME
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:12	ME
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:12	ME
79-20-9	Methyl acetate	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:12	ME
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:12	ME
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:12	ME
75-09-2	Methylene chloride	ND		mg/kg dry	0.0077	0.015	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:12	ME



Sample Information

Client Sample ID: SB-7 (6-12)

York Sample ID: 24G0361-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0361

Elka

Soil

July 3, 2024 11:30 am

07/05/2024

Volatiles, 8260 Comprehensive

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
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:12	ME
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:12	ME
95-47-6	o-Xylene	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:12	ME
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0077	0.015	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:12	ME
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:12	ME
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:12	ME
100-42-5	Styrene	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:12	ME
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:12	ME
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:12	ME
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:12	ME
108-88-3	Toluene	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:12	ME
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:12	ME
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:12	ME
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:12	ME
75-69-4	Trichlorofluoromethane	ND	CCVE, QL-02	mg/kg dry	0.0039	0.0077	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:12	ME
108-05-4	Vinyl acetate	ND	ICVE	mg/kg dry	0.0039	0.0077	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:12	ME
75-01-4	Vinyl Chloride	ND	CCVE, QL-02	mg/kg dry	0.0039	0.0077	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:12	ME
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.012	0.023	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:12	ME
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	98.6 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	102 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	110 %	76-130								

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SB-7 (6-12)

York Sample ID: 24G0361-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0361

Elka

Soil

July 3, 2024 11:30 am

07/05/2024

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2024 07:42	07/08/2024 21:41	LL
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0960	0.192	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2024 07:42	07/08/2024 21:41	LL
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 21:41	LL
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	07/07/2024 07:42	07/08/2024 21:41	LL
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2024 07:42	07/08/2024 21:41	LL
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	07/07/2024 07:42	07/08/2024 21:41	LL
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	07/07/2024 07:42	07/08/2024 21:41	LL
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0960	0.192	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2024 07:42	07/08/2024 21:41	LL
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 21:41	LL
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 21:41	LL
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 21:41	LL
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 21:41	LL
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0960	0.192	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 21:41	LL
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 21:41	LL
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 21:41	LL
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 21:41	LL
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 21:41	LL
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 21:41	LL
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 21:41	LL
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0960	0.192	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 21:41	LL
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 21:41	LL
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 21:41	LL
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2024 07:42	07/08/2024 21:41	LL
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0960	0.192	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 21:41	LL



Sample Information

Client Sample ID: SB-7 (6-12)

York Sample ID: 24G0361-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G0361	Elka	Soil	July 3, 2024 11:30 am	07/05/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E, QL-02	mg/kg dry	0.0960	0.192	2	EPA 8270D	07/07/2024 07:42	07/08/2024 21:41	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D	07/07/2024 07:42	07/08/2024 21:41	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D	07/07/2024 07:42	07/08/2024 21:41	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D	07/07/2024 07:42	07/08/2024 21:41	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D	07/07/2024 07:42	07/08/2024 21:41	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0960	0.192	2	EPA 8270D	07/07/2024 07:42	07/08/2024 21:41	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.0960	0.192	2	EPA 8270D	07/07/2024 07:42	07/08/2024 21:41	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D	07/07/2024 07:42	07/08/2024 21:41	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	0.0537	J	mg/kg dry	0.0481	0.0960	2	EPA 8270D	07/07/2024 07:42	07/08/2024 21:41	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
98-86-2	Acetophenone	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D	07/07/2024 07:42	07/08/2024 21:41	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.192	0.385	2	EPA 8270D	07/07/2024 07:42	07/08/2024 21:41	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	0.113		mg/kg dry	0.0481	0.0960	2	EPA 8270D	07/07/2024 07:42	07/08/2024 21:41	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
1912-24-9	Atrazine	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D	07/07/2024 07:42	07/08/2024 21:41	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D	07/07/2024 07:42	07/08/2024 21:41	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.192	0.385	2	EPA 8270D	07/07/2024 07:42	07/08/2024 21:41	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	0.474		mg/kg dry	0.0481	0.0960	2	EPA 8270D	07/07/2024 07:42	07/08/2024 21:41	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
50-32-8	Benzo(a)pyrene	0.395		mg/kg dry	0.0481	0.0960	2	EPA 8270D	07/07/2024 07:42	07/08/2024 21:41	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
205-99-2	Benzo(b)fluoranthene	0.387		mg/kg dry	0.0481	0.0960	2	EPA 8270D	07/07/2024 07:42	07/08/2024 21:41	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
191-24-2	Benzo(g,h,i)perylene	0.247		mg/kg dry	0.0481	0.0960	2	EPA 8270D	07/07/2024 07:42	07/08/2024 21:41	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
207-08-9	Benzo(k)fluoranthene	0.365		mg/kg dry	0.0481	0.0960	2	EPA 8270D	07/07/2024 07:42	07/08/2024 21:41	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0481	0.0960	2	EPA 8270D	07/07/2024 07:42	07/08/2024 21:41	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D	07/07/2024 07:42	07/08/2024 21:41	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	0.107		mg/kg dry	0.0481	0.0960	2	EPA 8270D	07/07/2024 07:42	07/08/2024 21:41	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		



Sample Information

Client Sample ID: SB-7 (6-12)

York Sample ID: 24G0361-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0361

Elka

Soil

July 3, 2024 11:30 am

07/05/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 21:41	LL
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 21:41	LL
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 21:41	LL
117-81-7	Bis(2-ethylhexyl)phthalate	0.111		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 21:41	LL
105-60-2	Caprolactam	ND		mg/kg dry	0.0960	0.192	2	EPA 8270D Certifications:	07/07/2024 07:42 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2024 21:41	LL
86-74-8	Carbazole	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 21:41	LL
218-01-9	Chrysene	0.497		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 21:41	LL
53-70-3	Dibenzo(a,h)anthracene	0.0890	J	mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 21:41	LL
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 21:41	LL
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 21:41	LL
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 21:41	LL
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 21:41	LL
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 21:41	LL
206-44-0	Fluoranthene	0.908		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 21:41	LL
86-73-7	Fluorene	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	07/07/2024 07:42 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2024 21:41	LL
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 21:41	LL
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 21:41	LL
77-47-4	Hexachlorocyclopentadiene	ND	ICVE, QL-02	mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 21:41	LL
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 21:41	LL
193-39-5	Indeno(1,2,3-cd)pyrene	0.281		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 21:41	LL
78-59-1	Isophorone	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 21:41	LL
91-20-3	Naphthalene	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 21:41	LL
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 21:41	LL



Sample Information

Client Sample ID: SB-7 (6-12)		York Sample ID: 24G0361-07			
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24G0361	Elka	Soil	July 3, 2024 11:30 am	07/05/2024	

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 21:41	LL
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 21:41	LL
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 21:41	LL
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 21:41	LL
85-01-8	Phenanthrene	0.554		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 21:41	LL
108-95-2	Phenol	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 21:41	LL
129-00-0	Pyrene	0.833		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 21:41	LL
110-86-1	Pyridine	ND		mg/kg dry	0.192	0.385	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 21:41	LL
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	53.9 %	20-108								
13127-88-3	Surrogate: SURR: Phenol-d6	54.4 %	23-114								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	53.8 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	54.5 %	21-113								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	59.5 %	19-110								
1718-51-0	Surrogate: SURR: Terphenyl-d14	59.3 %	24-116								

Metals, Target Analyte

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
7429-90-5	Aluminum	5320		mg/kg dry	4.83	1	EPA 6010D Certifications:	07/09/2024 17:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/10/2024 17:10	AGNR
7440-36-0	Antimony	ND		mg/kg dry	2.41	1	EPA 6010D Certifications:	07/09/2024 17:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/10/2024 17:10	AGNR
7440-38-2	Arsenic	12.6		mg/kg dry	1.45	1	EPA 6010D Certifications:	07/09/2024 17:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/10/2024 17:10	AGNR
7440-39-3	Barium	38.3		mg/kg dry	2.41	1	EPA 6010D Certifications:	07/09/2024 17:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/10/2024 17:10	AGNR
7440-41-7	Beryllium	ND		mg/kg dry	0.049	1	EPA 6010D Certifications:	07/09/2024 17:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/10/2024 17:10	AGNR
7440-43-9	Cadmium	1.96		mg/kg dry	0.290	1	EPA 6010D Certifications:	07/09/2024 17:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/10/2024 17:10	AGNR
7440-70-2	Calcium	19800		mg/kg dry	4.83	1	EPA 6010D Certifications:	07/09/2024 17:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/10/2024 17:10	AGNR



Sample Information

Client Sample ID: SB-7 (6-12)			York Sample ID: 24G0361-07		
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24G0361	Elka	Soil	July 3, 2024 11:30 am	07/05/2024	

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-47-3	Chromium	25.3		mg/kg dry	0.483	1	EPA 6010D	07/09/2024 17:17	07/10/2024 17:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	Cobalt	2.65		mg/kg dry	0.386	1	EPA 6010D	07/09/2024 17:17	07/10/2024 17:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	Copper	47.5		mg/kg dry	1.93	1	EPA 6010D	07/09/2024 17:17	07/10/2024 17:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	Iron	7550		mg/kg dry	24.1	1	EPA 6010D	07/09/2024 17:17	07/10/2024 17:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	Lead	74.3		mg/kg dry	0.483	1	EPA 6010D	07/09/2024 17:17	07/10/2024 17:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	Magnesium	2830		mg/kg dry	4.83	1	EPA 6010D	07/09/2024 17:17	07/10/2024 17:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	Manganese	110		mg/kg dry	0.483	1	EPA 6010D	07/09/2024 17:17	07/10/2024 17:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	Nickel	7.70		mg/kg dry	0.962	1	EPA 6010D	07/09/2024 17:17	07/10/2024 17:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	Potassium	456	B	mg/kg dry	4.83	1	EPA 6010D	07/09/2024 17:17	07/10/2024 17:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	2.41	1	EPA 6010D	07/09/2024 17:17	07/10/2024 17:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-22-4	Silver	ND		mg/kg dry	0.487	1	EPA 6010D	07/09/2024 17:17	07/10/2024 17:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-23-5	Sodium	122		mg/kg dry	48.3	1	EPA 6010D	07/09/2024 17:17	07/10/2024 17:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-28-0	Thallium	ND		mg/kg dry	2.41	1	EPA 6010D	07/09/2024 17:17	07/10/2024 17:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-62-2	Vanadium	13.2		mg/kg dry	0.962	1	EPA 6010D	07/09/2024 17:17	07/10/2024 17:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	Zinc	151		mg/kg dry	2.41	1	EPA 6010D	07/09/2024 17:17	07/10/2024 17:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

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	0.0348	1	EPA 7473	07/09/2024 16:25	07/10/2024 21:57	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04		

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



Sample Information

Client Sample ID: SB-7 (6-12)

York Sample ID: 24G0361-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0361

Elka

Soil

July 3, 2024 11:30 am

07/05/2024

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	86.3		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	07/08/2024 12:35	07/08/2024 14:35	HLV

Sample Information

Client Sample ID: SB-8 (6-12)

York Sample ID: 24G0361-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0361

Elka

Soil

July 3, 2024 11:30 am

07/05/2024

Volatiles, 8260 Comprehensive

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
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 16:38	ME
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 16:38	ME
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 16:38	ME
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 16:38	ME
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 16:38	ME
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 16:38	ME
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 16:38	ME
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/10/2024 09:00	07/10/2024 16:38	ME
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/10/2024 09:00	07/10/2024 16:38	ME
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	07/10/2024 09:00	07/10/2024 16:38	ME
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/10/2024 09:00	07/10/2024 16:38	ME
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 16:38	ME
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 16:38	ME
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 16:38	ME



Sample Information

Client Sample ID: SB-8 (6-12)

York Sample ID: 24G0361-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0361

Elka

Soil

July 3, 2024 11:30 am

07/05/2024

Volatiles, 8260 Comprehensive

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
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:38	ME
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:38	ME
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:38	ME
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:38	ME
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:38	ME
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:38	ME
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:38	ME
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.081	0.16	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:38	ME
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:38	ME
78-93-3	2-Butanone	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:38	ME
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:38	ME
591-78-6	2-Hexanone	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:38	ME
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:38	ME
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:38	ME
67-64-1	Acetone	ND		mg/kg dry	0.0081	0.016	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:38	ME
107-02-8	Acrolein	ND		mg/kg dry	0.0081	0.016	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:38	ME
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:38	ME
71-43-2	Benzene	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:38	ME
108-86-1	Bromobenzene	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:38	ME
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:38	ME
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:38	ME
75-25-2	Bromoform	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:38	ME
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:38	ME



Sample Information

Client Sample ID: SB-8 (6-12)

York Sample ID: 24G0361-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0361

Elka

Soil

July 3, 2024 11:30 am

07/05/2024

Volatiles, 8260 Comprehensive

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
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:38	ME
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:38	ME
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:38	ME
75-00-3	Chloroethane	ND	CCVE, QL-02	mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:38	ME
67-66-3	Chloroform	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:38	ME
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:38	ME
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:38	ME
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:38	ME
110-82-7	Cyclohexane	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:38	ME
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:38	ME
74-95-3	Dibromomethane	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:38	ME
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:38	ME
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:38	ME
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:38	ME
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:38	ME
79-20-9	Methyl acetate	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:38	ME
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:38	ME
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:38	ME
75-09-2	Methylene chloride	ND		mg/kg dry	0.0081	0.016	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:38	ME
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:38	ME
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:38	ME
95-47-6	o-Xylene	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:38	ME
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0081	0.016	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 16:38	ME



Sample Information

Client Sample ID: SB-8 (6-12)		York Sample ID: 24G0361-08			
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24G0361	Elka	Soil	July 3, 2024 11:30 am	07/05/2024	

Volatiles, 8260 Comprehensive

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
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 16:38	ME
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 16:38	ME
100-42-5	Styrene	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 16:38	ME
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/10/2024 09:00	07/10/2024 16:38	ME
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 16:38	ME
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 16:38	ME
108-88-3	Toluene	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 16:38	ME
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 16:38	ME
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 16:38	ME
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 16:38	ME
75-69-4	Trichlorofluoromethane	ND	CCVE, QL-02	mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 16:38	ME
108-05-4	Vinyl acetate	ND	ICVE	mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/10/2024 09:00	07/10/2024 16:38	ME
75-01-4	Vinyl Chloride	ND	CCVE, QL-02	mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 16:38	ME
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.012	0.024	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 16:38	ME
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	111 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	99.5 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	104 %	76-130								

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2024 07:42	07/08/2024 22:11	LL
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.107	0.214	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2024 07:42	07/08/2024 22:11	LL
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 22:11	LL



Sample Information

Client Sample ID: SB-8 (6-12)

York Sample ID: 24G0361-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0361

Elka

Soil

July 3, 2024 11:30 am

07/05/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	07/07/2024 07:42	07/08/2024 22:11	LL
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2024 07:42	07/08/2024 22:11	LL
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	07/07/2024 07:42	07/08/2024 22:11	LL
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	07/07/2024 07:42	07/08/2024 22:11	LL
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.107	0.214	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2024 07:42	07/08/2024 22:11	LL
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 22:11	LL
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 22:11	LL
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 22:11	LL
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 22:11	LL
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.107	0.214	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 22:11	LL
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 22:11	LL
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 22:11	LL
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 22:11	LL
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 22:11	LL
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 22:11	LL
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 22:11	LL
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.107	0.214	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 22:11	LL
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 22:11	LL
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 22:11	LL
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2024 07:42	07/08/2024 22:11	LL
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.107	0.214	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 22:11	LL
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E, QL-02	mg/kg dry	0.107	0.214	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 22:11	LL
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 22:11	LL



Sample Information

Client Sample ID: SB-8 (6-12)

York Sample ID: 24G0361-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0361

Elka

Soil

July 3, 2024 11:30 am

07/05/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 22:11	LL
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 22:11	LL
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 22:11	LL
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.107	0.214	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 22:11	LL
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.107	0.214	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 22:11	LL
83-32-9	Acenaphthene	0.163		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 22:11	LL
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 22:11	LL
98-86-2	Acetophenone	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	07/07/2024 07:42 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2024 22:11	LL
62-53-3	Aniline	ND		mg/kg dry	0.214	0.429	2	EPA 8270D Certifications:	07/07/2024 07:42 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2024 22:11	LL
120-12-7	Anthracene	0.298		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 22:11	LL
1912-24-9	Atrazine	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	07/07/2024 07:42 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2024 22:11	LL
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	07/07/2024 07:42 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2024 22:11	LL
92-87-5	Benzidine	ND		mg/kg dry	0.214	0.429	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	07/08/2024 22:11	LL
56-55-3	Benzo(a)anthracene	0.760		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 22:11	LL
50-32-8	Benzo(a)pyrene	0.650		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 22:11	LL
205-99-2	Benzo(b)fluoranthene	0.669		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 22:11	LL
191-24-2	Benzo(g,h,i)perylene	0.398		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 22:11	LL
207-08-9	Benzo(k)fluoranthene	0.642		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 22:11	LL
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	07/07/2024 07:42 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2024 22:11	LL
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	07/07/2024 07:42 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2024 22:11	LL
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 22:11	LL
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 22:11	LL
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 22:11	LL



Sample Information

Client Sample ID: SB-8 (6-12)

York Sample ID: 24G0361-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0361

Elka

Soil

July 3, 2024 11:30 am

07/05/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 22:11	LL
117-81-7	Bis(2-ethylhexyl)phthalate	0.102	J	mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 22:11	LL
105-60-2	Caprolactam	ND		mg/kg dry	0.107	0.214	2	EPA 8270D Certifications:	07/07/2024 07:42 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2024 22:11	LL
86-74-8	Carbazole	0.109		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 22:11	LL
218-01-9	Chrysene	0.831		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 22:11	LL
53-70-3	Dibenzo(a,h)anthracene	0.142		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 22:11	LL
132-64-9	Dibenzofuran	0.0744	J	mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 22:11	LL
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 22:11	LL
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 22:11	LL
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 22:11	LL
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 22:11	LL
206-44-0	Fluoranthene	1.77		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 22:11	LL
86-73-7	Fluorene	0.152		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	07/07/2024 07:42 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2024 22:11	LL
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 22:11	LL
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 22:11	LL
77-47-4	Hexachlorocyclopentadiene	ND	ICVE, QL-02	mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 22:11	LL
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 22:11	LL
193-39-5	Indeno(1,2,3-cd)pyrene	0.0761	J	mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 22:11	LL
78-59-1	Isophorone	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 22:11	LL
91-20-3	Naphthalene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 22:11	LL
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 22:11	LL
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 22:11	LL
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 22:11	LL



Sample Information

Client Sample ID: SB-8 (6-12)

York Sample ID: 24G0361-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0361

Elka

Soil

July 3, 2024 11:30 am

07/05/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 22:11	LL
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 22:11	LL
85-01-8	Phenanthrene	1.43		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 22:11	LL
108-95-2	Phenol	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 22:11	LL
129-00-0	Pyrene	1.92		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 22:11	LL
110-86-1	Pyridine	ND		mg/kg dry	0.214	0.429	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 22:11	LL
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	51.7 %	20-108								
13127-88-3	Surrogate: SURR: Phenol-d6	54.1 %	23-114								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	51.6 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	54.4 %	21-113								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	61.2 %	19-110								
1718-51-0	Surrogate: SURR: Terphenyl-d14	60.8 %	24-116								

Metals, Target Analyte

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
7429-90-5	Aluminum	5510		mg/kg dry	5.38	1	EPA 6010D Certifications:	07/09/2024 17:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/10/2024 17:11	AGNR
7440-36-0	Antimony	ND		mg/kg dry	2.69	1	EPA 6010D Certifications:	07/09/2024 17:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/10/2024 17:11	AGNR
7440-38-2	Arsenic	5.77		mg/kg dry	1.61	1	EPA 6010D Certifications:	07/09/2024 17:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/10/2024 17:11	AGNR
7440-39-3	Barium	42.3		mg/kg dry	2.69	1	EPA 6010D Certifications:	07/09/2024 17:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/10/2024 17:11	AGNR
7440-41-7	Beryllium	ND		mg/kg dry	0.054	1	EPA 6010D Certifications:	07/09/2024 17:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/10/2024 17:11	AGNR
7440-43-9	Cadmium	0.807		mg/kg dry	0.323	1	EPA 6010D Certifications:	07/09/2024 17:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/10/2024 17:11	AGNR
7440-70-2	Calcium	23000		mg/kg dry	5.38	1	EPA 6010D Certifications:	07/09/2024 17:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/10/2024 17:11	AGNR
7440-47-3	Chromium	14.6		mg/kg dry	0.539	1	EPA 6010D Certifications:	07/09/2024 17:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/10/2024 17:11	AGNR
7440-48-4	Cobalt	2.91		mg/kg dry	0.430	1	EPA 6010D Certifications:	07/09/2024 17:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/10/2024 17:11	AGNR



Sample Information

Client Sample ID: SB-8 (6-12)			York Sample ID: 24G0361-08		
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24G0361	Elka	Soil	July 3, 2024 11:30 am	07/05/2024	

Metals, Target Analyte

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
7440-50-8	Copper	32.7		mg/kg dry	2.15	1	EPA 6010D	07/09/2024 17:17	07/10/2024 17:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	Iron	8210		mg/kg dry	26.9	1	EPA 6010D	07/09/2024 17:17	07/10/2024 17:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	Lead	56.6		mg/kg dry	0.539	1	EPA 6010D	07/09/2024 17:17	07/10/2024 17:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	Magnesium	2640		mg/kg dry	5.39	1	EPA 6010D	07/09/2024 17:17	07/10/2024 17:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	Manganese	123		mg/kg dry	0.539	1	EPA 6010D	07/09/2024 17:17	07/10/2024 17:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	Nickel	7.66		mg/kg dry	1.07	1	EPA 6010D	07/09/2024 17:17	07/10/2024 17:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	Potassium	633	B	mg/kg dry	5.39	1	EPA 6010D	07/09/2024 17:17	07/10/2024 17:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	2.69	1	EPA 6010D	07/09/2024 17:17	07/10/2024 17:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-22-4	Silver	ND		mg/kg dry	0.542	1	EPA 6010D	07/09/2024 17:17	07/10/2024 17:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-23-5	Sodium	111		mg/kg dry	53.8	1	EPA 6010D	07/09/2024 17:17	07/10/2024 17:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-28-0	Thallium	ND		mg/kg dry	2.69	1	EPA 6010D	07/09/2024 17:17	07/10/2024 17:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-62-2	Vanadium	17.2		mg/kg dry	1.07	1	EPA 6010D	07/09/2024 17:17	07/10/2024 17:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	Zinc	116		mg/kg dry	2.68	1	EPA 6010D	07/09/2024 17:17	07/10/2024 17:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

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	0.0632		mg/kg dry	0.0387	1	EPA 7473	07/09/2024 16:25	07/10/2024 21:57	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04		

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	77.4		%	0.100	1	SM 2540G	07/08/2024 12:35	07/08/2024 14:35	HLY
							Certifications:	CTDOH-PH-0723		



Sample Information

Client Sample ID: SB-9 (6-12)

York Sample ID: 24G0361-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0361

Elka

Soil

July 3, 2024 11:30 am

07/05/2024

Volatiles, 8260 Comprehensive

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
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 17:05	ME
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 17:05	ME
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 17:05	ME
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 17:05	ME
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 17:05	ME
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 17:05	ME
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 17:05	ME
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/10/2024 09:00	07/10/2024 17:05	ME
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/10/2024 09:00	07/10/2024 17:05	ME
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	07/10/2024 09:00	07/10/2024 17:05	ME
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/10/2024 09:00	07/10/2024 17:05	ME
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 17:05	ME
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 17:05	ME
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 17:05	ME
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 17:05	ME
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 17:05	ME
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 17:05	ME
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 17:05	ME
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 17:05	ME
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/10/2024 09:00	07/10/2024 17:05	ME
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 17:05	ME
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.058	0.12	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/10/2024 09:00	07/10/2024 17:05	ME
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	07/10/2024 09:00	07/10/2024 17:05	ME



Sample Information

Client Sample ID: SB-9 (6-12)

York Sample ID: 24G0361-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0361

Elka

Soil

July 3, 2024 11:30 am

07/05/2024

Volatiles, 8260 Comprehensive

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
78-93-3	2-Butanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 17:05	ME
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 17:05	ME
591-78-6	2-Hexanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 17:05	ME
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 17:05	ME
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 17:05	ME
67-64-1	Acetone	ND		mg/kg dry	0.0058	0.012	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 17:05	ME
107-02-8	Acrolein	ND		mg/kg dry	0.0058	0.012	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 17:05	ME
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 17:05	ME
71-43-2	Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 17:05	ME
108-86-1	Bromobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 17:05	ME
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 17:05	ME
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 17:05	ME
75-25-2	Bromoform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 17:05	ME
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 17:05	ME
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 17:05	ME
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 17:05	ME
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 17:05	ME
75-00-3	Chloroethane	ND	CCVE, QL-02	mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 17:05	ME
67-66-3	Chloroform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 17:05	ME
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 17:05	ME
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 17:05	ME
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 17:05	ME
110-82-7	Cyclohexane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 17:05	ME



Sample Information

Client Sample ID: SB-9 (6-12)

York Sample ID: 24G0361-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0361

Elka

Soil

July 3, 2024 11:30 am

07/05/2024

Volatiles, 8260 Comprehensive

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
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 17:05	ME
74-95-3	Dibromomethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 17:05	ME
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 17:05	ME
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 17:05	ME
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 17:05	ME
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 17:05	ME
79-20-9	Methyl acetate	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 17:05	ME
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 17:05	ME
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 17:05	ME
75-09-2	Methylene chloride	ND		mg/kg dry	0.0058	0.012	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 17:05	ME
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 17:05	ME
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 17:05	ME
95-47-6	o-Xylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 17:05	ME
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0058	0.012	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 17:05	ME
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 17:05	ME
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 17:05	ME
100-42-5	Styrene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 17:05	ME
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 17:05	ME
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 17:05	ME
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 17:05	ME
108-88-3	Toluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 17:05	ME
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 17:05	ME
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 17:05	ME



Sample Information

Client Sample ID: SB-9 (6-12)

York Sample ID: 24G0361-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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24G0361

Elka

Soil

July 3, 2024 11:30 am

07/05/2024

Volatiles, 8260 Comprehensive

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
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 17:05	ME
75-69-4	Trichlorofluoromethane	ND	CCVE, QL-02	mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 17:05	ME
108-05-4	Vinyl acetate	ND	ICVE	mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 17:05	ME
75-01-4	Vinyl Chloride	ND	CCVE, QL-02	mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 17:05	ME
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0088	0.018	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 17:05	ME
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: <i>SURR:</i> <i>1,2-Dichloroethane-d4</i>	97.3 %	77-125								
2037-26-5	Surrogate: <i>SURR: Toluene-d8</i>	103 %	85-120								
460-00-4	Surrogate: <i>SURR:</i> <i>p-Bromofluorobenzene</i>	113 %	76-130								

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0494	0.0986	2	EPA 8270D Certifications:	07/07/2024 07:42	07/08/2024 22:40	LL
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0986	0.197	2	EPA 8270D Certifications:	07/07/2024 07:42	07/08/2024 22:40	LL
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270D Certifications:	07/07/2024 07:42	07/08/2024 22:40	LL
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270D Certifications:	07/07/2024 07:42	07/08/2024 22:40	LL
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270D Certifications:	07/07/2024 07:42	07/08/2024 22:40	LL
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270D Certifications:	07/07/2024 07:42	07/08/2024 22:40	LL
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270D Certifications:	07/07/2024 07:42	07/08/2024 22:40	LL
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0986	0.197	2	EPA 8270D Certifications:	07/07/2024 07:42	07/08/2024 22:40	LL
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270D Certifications:	07/07/2024 07:42	07/08/2024 22:40	LL
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270D Certifications:	07/07/2024 07:42	07/08/2024 22:40	LL
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270D Certifications:	07/07/2024 07:42	07/08/2024 22:40	LL
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0494	0.0986	2	EPA 8270D Certifications:	07/07/2024 07:42	07/08/2024 22:40	LL



Sample Information

Client Sample ID: SB-9 (6-12)

York Sample ID: 24G0361-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0361

Elka

Soil

July 3, 2024 11:30 am

07/05/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0986	0.197	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 22:40	LL
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 22:40	LL
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 22:40	LL
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 22:40	LL
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 22:40	LL
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 22:40	LL
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 22:40	LL
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0986	0.197	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 22:40	LL
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 22:40	LL
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 22:40	LL
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270D Certifications:	07/07/2024 07:42 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2024 22:40	LL
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0986	0.197	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 22:40	LL
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E, QL-02	mg/kg dry	0.0986	0.197	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 22:40	LL
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 22:40	LL
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 22:40	LL
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 22:40	LL
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 22:40	LL
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0986	0.197	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 22:40	LL
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.0986	0.197	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 22:40	LL
83-32-9	Acenaphthene	0.0922	J	mg/kg dry	0.0494	0.0986	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/08/2024 22:40	LL
208-96-8	Acenaphthylene	0.0552	J	mg/kg dry	0.0494	0.0986	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/08/2024 22:40	LL
98-86-2	Acetophenone	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270D Certifications:	07/07/2024 07:42 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2024 22:40	LL
62-53-3	Aniline	ND		mg/kg dry	0.197	0.395	2	EPA 8270D Certifications:	07/07/2024 07:42 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2024 22:40	LL



Sample Information

Client Sample ID: SB-9 (6-12)

York Sample ID: 24G0361-09

York Project (SDG) No.

Client Project ID

Matrix

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Date Received

24G0361

Elka

Soil

July 3, 2024 11:30 am

07/05/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	0.234		mg/kg dry	0.0494	0.0986	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/07/2024 07:42	07/08/2024 22:40	LL
1912-24-9	Atrazine	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2024 07:42	07/08/2024 22:40	LL
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2024 07:42	07/08/2024 22:40	LL
92-87-5	Benzidine	ND		mg/kg dry	0.197	0.395	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	07/07/2024 07:42	07/08/2024 22:40	LL
56-55-3	Benzo(a)anthracene	1.91		mg/kg dry	0.0494	0.0986	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/07/2024 07:42	07/08/2024 22:40	LL
50-32-8	Benzo(a)pyrene	2.32		mg/kg dry	0.0494	0.0986	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/07/2024 07:42	07/08/2024 22:40	LL
205-99-2	Benzo(b)fluoranthene	2.70		mg/kg dry	0.0494	0.0986	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/07/2024 07:42	07/08/2024 22:40	LL
191-24-2	Benzo(g,h,i)perylene	1.67		mg/kg dry	0.0494	0.0986	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/07/2024 07:42	07/08/2024 22:40	LL
207-08-9	Benzo(k)fluoranthene	2.32		mg/kg dry	0.0494	0.0986	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/07/2024 07:42	07/08/2024 22:40	LL
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0494	0.0986	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2024 07:42	07/08/2024 22:40	LL
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2024 07:42	07/08/2024 22:40	LL
85-68-7	Benzyl butyl phthalate	0.0575	J	mg/kg dry	0.0494	0.0986	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/07/2024 07:42	07/08/2024 22:40	LL
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 22:40	LL
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 22:40	LL
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 22:40	LL
117-81-7	Bis(2-ethylhexyl)phthalate	0.282		mg/kg dry	0.0494	0.0986	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/07/2024 07:42	07/08/2024 22:40	LL
105-60-2	Caprolactam	ND		mg/kg dry	0.0986	0.197	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2024 07:42	07/08/2024 22:40	LL
86-74-8	Carbazole	0.259		mg/kg dry	0.0494	0.0986	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/07/2024 07:42	07/08/2024 22:40	LL
218-01-9	Chrysene	3.11		mg/kg dry	0.0494	0.0986	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/07/2024 07:42	07/08/2024 22:40	LL
53-70-3	Dibenzo(a,h)anthracene	0.248		mg/kg dry	0.0494	0.0986	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/07/2024 07:42	07/08/2024 22:40	LL
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 22:40	LL
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 22:40	LL
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 22:40	LL



Sample Information

Client Sample ID: SB-9 (6-12)

York Sample ID: 24G0361-09

York Project (SDG) No.

Client Project ID

Matrix

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24G0361

Elka

Soil

July 3, 2024 11:30 am

07/05/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 22:40	LL
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 22:40	LL
206-44-0	Fluoranthene	7.73		mg/kg dry	0.124	0.246	5	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 17:53	SS
86-73-7	Fluorene	0.103		mg/kg dry	0.0494	0.0986	2	EPA 8270D Certifications:	07/07/2024 07:42 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2024 22:40	LL
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 22:40	LL
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 22:40	LL
77-47-4	Hexachlorocyclopentadiene	ND	ICVE, QL-02	mg/kg dry	0.0494	0.0986	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 22:40	LL
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 22:40	LL
193-39-5	Indeno(1,2,3-cd)pyrene	1.83		mg/kg dry	0.0494	0.0986	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 22:40	LL
78-59-1	Isophorone	0.183		mg/kg dry	0.0494	0.0986	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 22:40	LL
91-20-3	Naphthalene	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 22:40	LL
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 22:40	LL
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 22:40	LL
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 22:40	LL
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 22:40	LL
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0494	0.0986	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 22:40	LL
85-01-8	Phenanthrene	2.43		mg/kg dry	0.0494	0.0986	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 22:40	LL
108-95-2	Phenol	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 22:40	LL
129-00-0	Pyrene	6.39		mg/kg dry	0.124	0.246	5	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 17:53	SS
110-86-1	Pyridine	ND		mg/kg dry	0.197	0.395	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 22:40	LL
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	43.1 %	20-108								
13127-88-3	Surrogate: SURR: Phenol-d6	46.0 %	23-114								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	39.9 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	44.5 %	21-113								



Sample Information

Client Sample ID: SB-9 (6-12)

York Sample ID: 24G0361-09

York Project (SDG) No.

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Matrix

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24G0361

Elka

Soil

July 3, 2024 11:30 am

07/05/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	49.1 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	47.0 %			24-116						

Metals, Target Analyte

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
7429-90-5	Aluminum	6710		mg/kg dry	4.96	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:13	AGNR
7440-36-0	Antimony	ND		mg/kg dry	2.48	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:13	AGNR
7440-38-2	Arsenic	4.80		mg/kg dry	1.49	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:13	AGNR
7440-39-3	Barium	33.5		mg/kg dry	2.47	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:13	AGNR
7440-41-7	Beryllium	ND		mg/kg dry	0.050	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:13	AGNR
7440-43-9	Cadmium	0.684		mg/kg dry	0.297	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:13	AGNR
7440-70-2	Calcium	7820		mg/kg dry	4.96	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:13	AGNR
7440-47-3	Chromium	16.1		mg/kg dry	0.496	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:13	AGNR
7440-48-4	Cobalt	3.53		mg/kg dry	0.396	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:13	AGNR
7440-50-8	Copper	32.8		mg/kg dry	1.98	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:13	AGNR
7439-89-6	Iron	8520		mg/kg dry	24.8	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:13	AGNR
7439-92-1	Lead	64.1		mg/kg dry	0.496	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:13	AGNR
7439-95-4	Magnesium	3030		mg/kg dry	4.96	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:13	AGNR
7439-96-5	Manganese	116		mg/kg dry	0.496	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:13	AGNR
7440-02-0	Nickel	7.98		mg/kg dry	0.988	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:13	AGNR
7440-09-7	Potassium	623	B	mg/kg dry	4.96	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:13	AGNR
7782-49-2	Selenium	ND		mg/kg dry	2.48	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:13	AGNR
7440-22-4	Silver	ND		mg/kg dry	0.500	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:13	AGNR



Sample Information

Client Sample ID: SB-9 (6-12)		York Sample ID: 24G0361-09			
<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>	
24G0361	Elka	Soil	July 3, 2024 11:30 am	07/05/2024	

Metals, Target Analyte

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
7440-23-5	Sodium	72.4		mg/kg dry	49.6	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:13	AGNR
7440-28-0	Thallium	ND		mg/kg dry	2.48	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:13	AGNR
7440-62-2	Vanadium	16.3		mg/kg dry	0.988	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:13	AGNR
7440-66-6	Zinc	152		mg/kg dry	2.47	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/09/2024 17:17	07/10/2024 17:13	AGNR

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	0.0693		mg/kg dry	0.0357	1	EPA 7473 Certifications: CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04	07/09/2024 16:25	07/10/2024 21:57	DRS

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	84.0		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	07/08/2024 12:55	07/08/2024 14:39	HLV

Sample Information

Client Sample ID: SB-10 (6-12)		York Sample ID: 24G0361-10			
<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>	
24G0361	Elka	Soil	July 3, 2024 11:30 am	07/05/2024	

Volatiles, 8260 Comprehensive

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
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 17:31	ME
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 17:31	ME
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 17:31	ME



Sample Information

Client Sample ID: SB-10 (6-12)

York Sample ID: 24G0361-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0361

Elka

Soil

July 3, 2024 11:30 am

07/05/2024

Volatiles, 8260 Comprehensive

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
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 17:31	ME
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 17:31	ME
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 17:31	ME
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 17:31	ME
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	07/10/2024 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/10/2024 17:31	ME
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	07/10/2024 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/10/2024 17:31	ME
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	07/10/2024 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	07/10/2024 17:31	ME
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	07/10/2024 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/10/2024 17:31	ME
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 17:31	ME
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 17:31	ME
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 17:31	ME
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 17:31	ME
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 17:31	ME
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 17:31	ME
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 17:31	ME
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 17:31	ME
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	07/10/2024 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/10/2024 17:31	ME
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 17:31	ME
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.070	0.14	1	EPA 8260C Certifications:	07/10/2024 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/10/2024 17:31	ME
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	07/10/2024 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	07/10/2024 17:31	ME
78-93-3	2-Butanone	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 17:31	ME
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 17:31	ME
591-78-6	2-Hexanone	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 17:31	ME



Sample Information

Client Sample ID: SB-10 (6-12)

York Sample ID: 24G0361-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0361

Elka

Soil

July 3, 2024 11:30 am

07/05/2024

Volatiles, 8260 Comprehensive

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
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 17:31	ME
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 17:31	ME
67-64-1	Acetone	ND		mg/kg dry	0.0070	0.014	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 17:31	ME
107-02-8	Acrolein	ND		mg/kg dry	0.0070	0.014	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 17:31	ME
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 17:31	ME
71-43-2	Benzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 17:31	ME
108-86-1	Bromobenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 17:31	ME
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 17:31	ME
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 17:31	ME
75-25-2	Bromoform	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 17:31	ME
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 17:31	ME
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 17:31	ME
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 17:31	ME
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 17:31	ME
75-00-3	Chloroethane	ND	CCVE, QL-02	mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 17:31	ME
67-66-3	Chloroform	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 17:31	ME
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 17:31	ME
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 17:31	ME
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 17:31	ME
110-82-7	Cyclohexane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 17:31	ME
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 17:31	ME
74-95-3	Dibromomethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 17:31	ME
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	07/10/2024 09:00	07/10/2024 17:31	ME



Sample Information

Client Sample ID: SB-10 (6-12)

York Sample ID: 24G0361-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0361

Elka

Soil

July 3, 2024 11:30 am

07/05/2024

Volatiles, 8260 Comprehensive

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
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 17:31	ME
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	07/10/2024 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/10/2024 17:31	ME
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 17:31	ME
79-20-9	Methyl acetate	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	07/10/2024 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/10/2024 17:31	ME
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 17:31	ME
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	07/10/2024 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/10/2024 17:31	ME
75-09-2	Methylene chloride	ND		mg/kg dry	0.0070	0.014	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 17:31	ME
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 17:31	ME
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 17:31	ME
95-47-6	o-Xylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	07/10/2024 17:31	ME
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0070	0.014	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	07/10/2024 17:31	ME
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 17:31	ME
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 17:31	ME
100-42-5	Styrene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 17:31	ME
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	07/10/2024 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/10/2024 17:31	ME
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 17:31	ME
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 17:31	ME
108-88-3	Toluene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 17:31	ME
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 17:31	ME
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 17:31	ME
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 17:31	ME
75-69-4	Trichlorofluoromethane	ND	CCVE, QL-02	mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	07/10/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 17:31	ME
108-05-4	Vinyl acetate	ND	ICVE	mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	07/10/2024 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/10/2024 17:31	ME



Sample Information

Client Sample ID: SB-10 (6-12)

York Sample ID: 24G0361-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G0361	Elka	Soil	July 3, 2024 11:30 am	07/05/2024

Volatiles, 8260 Comprehensive

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
75-01-4	Vinyl Chloride	ND	CCVE, QL-02	mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 17:31	ME
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.011	0.021	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/10/2024 09:00	07/10/2024 17:31	ME
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	98.9 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	102 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	110 %	76-130								

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0490	0.0978	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2024 07:42	07/08/2024 23:09	LL
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0978	0.195	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2024 07:42	07/08/2024 23:09	LL
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 23:09	LL
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	07/07/2024 07:42	07/08/2024 23:09	LL
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2024 07:42	07/08/2024 23:09	LL
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	07/07/2024 07:42	07/08/2024 23:09	LL
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	07/07/2024 07:42	07/08/2024 23:09	LL
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0978	0.195	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2024 07:42	07/08/2024 23:09	LL
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 23:09	LL
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 23:09	LL
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 23:09	LL
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0490	0.0978	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 23:09	LL
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0978	0.195	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 23:09	LL
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 23:09	LL
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 23:09	LL



Sample Information

Client Sample ID: SB-10 (6-12)

York Sample ID: 24G0361-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0361

Elka

Soil

July 3, 2024 11:30 am

07/05/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 23:09	LL
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 23:09	LL
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 23:09	LL
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 23:09	LL
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0978	0.195	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 23:09	LL
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 23:09	LL
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 23:09	LL
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270D Certifications:	07/07/2024 07:42 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2024 23:09	LL
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0978	0.195	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 23:09	LL
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E, QL-02	mg/kg dry	0.0978	0.195	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 23:09	LL
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 23:09	LL
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 23:09	LL
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 23:09	LL
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 23:09	LL
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0978	0.195	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 23:09	LL
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.0978	0.195	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2024 23:09	LL
83-32-9	Acenaphthene	0.0891	J	mg/kg dry	0.0490	0.0978	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/08/2024 23:09	LL
208-96-8	Acenaphthylene	0.0688	J	mg/kg dry	0.0490	0.0978	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/08/2024 23:09	LL
98-86-2	Acetophenone	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270D Certifications:	07/07/2024 07:42 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2024 23:09	LL
62-53-3	Aniline	ND		mg/kg dry	0.196	0.391	2	EPA 8270D Certifications:	07/07/2024 07:42 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2024 23:09	LL
120-12-7	Anthracene	0.221		mg/kg dry	0.0490	0.0978	2	EPA 8270D Certifications:	07/07/2024 07:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/08/2024 23:09	LL
1912-24-9	Atrazine	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270D Certifications:	07/07/2024 07:42 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2024 23:09	LL
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270D Certifications:	07/07/2024 07:42 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2024 23:09	LL



Sample Information

Client Sample ID: SB-10 (6-12)

York Sample ID: 24G0361-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0361

Elka

Soil

July 3, 2024 11:30 am

07/05/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-87-5	Benzidine	ND		mg/kg dry	0.196	0.391	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	07/07/2024 07:42	07/08/2024 23:09	LL
56-55-3	Benzo(a)anthracene	2.05		mg/kg dry	0.0490	0.0978	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/07/2024 07:42	07/08/2024 23:09	LL
50-32-8	Benzo(a)pyrene	2.53		mg/kg dry	0.0490	0.0978	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/07/2024 07:42	07/08/2024 23:09	LL
205-99-2	Benzo(b)fluoranthene	3.07		mg/kg dry	0.0490	0.0978	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/07/2024 07:42	07/08/2024 23:09	LL
191-24-2	Benzo(g,h,i)perylene	1.83		mg/kg dry	0.0490	0.0978	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/07/2024 07:42	07/08/2024 23:09	LL
207-08-9	Benzo(k)fluoranthene	2.34		mg/kg dry	0.0490	0.0978	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/07/2024 07:42	07/08/2024 23:09	LL
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0490	0.0978	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2024 07:42	07/08/2024 23:09	LL
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2024 07:42	07/08/2024 23:09	LL
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 23:09	LL
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 23:09	LL
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 23:09	LL
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 23:09	LL
117-81-7	Bis(2-ethylhexyl)phthalate	0.380		mg/kg dry	0.0490	0.0978	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/07/2024 07:42	07/08/2024 23:09	LL
105-60-2	Caprolactam	ND		mg/kg dry	0.0978	0.195	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2024 07:42	07/08/2024 23:09	LL
86-74-8	Carbazole	0.263		mg/kg dry	0.0490	0.0978	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/07/2024 07:42	07/08/2024 23:09	LL
218-01-9	Chrysene	4.50		mg/kg dry	0.245	0.489	10	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/07/2024 07:42	07/09/2024 18:24	SS
53-70-3	Dibenzo(a,h)anthracene	0.222		mg/kg dry	0.0490	0.0978	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/07/2024 07:42	07/08/2024 23:09	LL
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 23:09	LL
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 23:09	LL
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 23:09	LL
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 23:09	LL
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 23:09	LL
206-44-0	Fluoranthene	8.70		mg/kg dry	0.245	0.489	10	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/07/2024 07:42	07/09/2024 18:24	SS



Sample Information

Client Sample ID: SB-10 (6-12)		York Sample ID: 24G0361-10			
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24G0361	Elka	Soil	July 3, 2024 11:30 am	07/05/2024	

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	0.0914	J	mg/kg dry	0.0490	0.0978	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2024 07:42	07/08/2024 23:09	LL
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 23:09	LL
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 23:09	LL
77-47-4	Hexachlorocyclopentadiene	ND	ICVE, QL-02	mg/kg dry	0.0490	0.0978	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 23:09	LL
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 23:09	LL
193-39-5	Indeno(1,2,3-cd)pyrene	1.98		mg/kg dry	0.0490	0.0978	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 23:09	LL
78-59-1	Isophorone	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 23:09	LL
91-20-3	Naphthalene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 23:09	LL
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 23:09	LL
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 23:09	LL
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 23:09	LL
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 23:09	LL
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0490	0.0978	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 23:09	LL
85-01-8	Phenanthrene	2.40		mg/kg dry	0.0490	0.0978	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 23:09	LL
108-95-2	Phenol	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 23:09	LL
129-00-0	Pyrene	6.88		mg/kg dry	0.245	0.489	10	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/09/2024 18:24	SS
110-86-1	Pyridine	ND		mg/kg dry	0.196	0.391	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2024 07:42	07/08/2024 23:09	LL
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	53.7 %	20-108								
13127-88-3	Surrogate: SURR: Phenol-d6	55.3 %	23-114								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	49.9 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	52.0 %	21-113								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	58.1 %	19-110								
1718-51-0	Surrogate: SURR: Terphenyl-d14	57.4 %	24-116								

Metals, Target Analyte

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SB-10 (6-12)

York Sample ID: 24G0361-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0361

Elka

Soil

July 3, 2024 11:30 am

07/05/2024

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
7429-90-5	Aluminum	6040		mg/kg dry	4.92	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/10/2024 13:26	07/11/2024 11:00	AGNR
7440-36-0	Antimony	ND		mg/kg dry	2.46	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/10/2024 13:26	07/11/2024 11:00	AGNR
7440-38-2	Arsenic	4.71		mg/kg dry	1.47	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/10/2024 13:26	07/11/2024 11:00	AGNR
7440-39-3	Barium	30.7		mg/kg dry	2.45	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/10/2024 13:26	07/11/2024 11:00	AGNR
7440-41-7	Beryllium	0.118		mg/kg dry	0.050	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/10/2024 13:26	07/11/2024 11:00	AGNR
7440-43-9	Cadmium	0.659		mg/kg dry	0.295	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/10/2024 13:26	07/11/2024 11:00	AGNR
7440-70-2	Calcium	5260		mg/kg dry	4.92	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/10/2024 13:26	07/11/2024 11:00	AGNR
7440-47-3	Chromium	18.0		mg/kg dry	0.492	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/10/2024 13:26	07/11/2024 11:00	AGNR
7440-48-4	Cobalt	3.17		mg/kg dry	0.393	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/10/2024 13:26	07/11/2024 11:00	AGNR
7440-50-8	Copper	31.3		mg/kg dry	1.97	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/10/2024 13:26	07/11/2024 11:00	AGNR
7439-89-6	Iron	8420		mg/kg dry	24.6	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/10/2024 13:26	07/11/2024 11:00	AGNR
7439-92-1	Lead	73.3		mg/kg dry	0.492	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/10/2024 13:26	07/11/2024 11:00	AGNR
7439-95-4	Magnesium	1780		mg/kg dry	4.92	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/10/2024 13:26	07/11/2024 11:00	AGNR
7439-96-5	Manganese	113		mg/kg dry	0.492	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/10/2024 13:26	07/11/2024 11:00	AGNR
7440-02-0	Nickel	7.87		mg/kg dry	0.979	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/10/2024 13:26	07/11/2024 11:00	AGNR
7440-09-7	Potassium	538		mg/kg dry	4.92	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/10/2024 13:26	07/11/2024 11:00	AGNR
7782-49-2	Selenium	ND		mg/kg dry	2.46	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/10/2024 13:26	07/11/2024 11:00	AGNR
7440-22-4	Silver	ND		mg/kg dry	0.496	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/10/2024 13:26	07/11/2024 11:00	AGNR
7440-23-5	Sodium	49.2		mg/kg dry	49.2	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/10/2024 13:26	07/11/2024 11:00	AGNR
7440-28-0	Thallium	ND		mg/kg dry	2.46	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/10/2024 13:26	07/11/2024 11:00	AGNR
7440-62-2	Vanadium	15.3		mg/kg dry	0.979	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/10/2024 13:26	07/11/2024 11:00	AGNR
7440-66-6	Zinc	143		mg/kg dry	2.45	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	07/10/2024 13:26	07/11/2024 11:00	AGNR



Sample Information

Client Sample ID: SB-10 (6-12)

York Sample ID: 24G0361-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0361

Elka

Soil

July 3, 2024 11:30 am

07/05/2024

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	0.0650		mg/kg dry	0.0354	1	EPA 7473	07/09/2024 16:25	07/10/2024 21:57	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04		

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	84.8		%	0.100	1	SM 2540G	07/08/2024 12:55	07/08/2024 14:39	HLV
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: TB-4

York Sample ID: 24G0361-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0361

Elka

Water

July 3, 2024 10:30 am

07/05/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	07/08/2024 08:00	07/08/2024 16:48	BMT
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	07/08/2024 08:00	07/08/2024 16:48	BMT
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	07/08/2024 08:00	07/08/2024 16:48	BMT
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	07/08/2024 08:00	07/08/2024 16:48	BMT
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	07/08/2024 08:00	07/08/2024 16:48	BMT
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	07/08/2024 08:00	07/08/2024 16:48	BMT
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	07/08/2024 08:00	07/08/2024 16:48	BMT
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	07/08/2024 08:00	07/08/2024 16:48	BMT
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	07/08/2024 08:00	07/08/2024 16:48	BMT
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	1.64		ug/L	0.138	0.500	1	EPA 8260D	07/08/2024 08:00	07/08/2024 16:48	BMT
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		



Sample Information

Client Sample ID: TB-4

York Sample ID: 24G0361-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0361

Elka

Water

July 3, 2024 10:30 am

07/05/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 16:48	BMT
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 16:48	BMT
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 16:48	BMT
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 16:48	BMT
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 16:48	BMT
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 16:48	BMT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 16:48	BMT
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 16:48	BMT
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 16:48	BMT
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 16:48	BMT
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 16:48	BMT
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 16:48	BMT
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 16:48	BMT
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 16:48	BMT
67-64-1	Acetone	ND	CAL-E	ug/L	1.34	2.00	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 16:48	BMT
107-02-8	Acrolein	ND	CCVE	ug/L	0.447	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 16:48	BMT
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 16:48	BMT
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 16:48	BMT
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 16:48	BMT
75-27-4	Bromodichloromethane	0.490	J	ug/L	0.245	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 16:48	BMT
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 16:48	BMT
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 16:48	BMT
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 16:48	BMT



Sample Information

Client Sample ID: TB-4

York Sample ID: 24G0361-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0361

Elka

Water

July 3, 2024 10:30 am

07/05/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/08/2024 16:48	BMT
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/08/2024 16:48	BMT
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/08/2024 16:48	BMT
67-66-3	Chloroform	3.44		ug/L	0.243	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/08/2024 16:48	BMT
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/08/2024 16:48	BMT
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/08/2024 16:48	BMT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/08/2024 16:48	BMT
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/08/2024 16:48	BMT
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/08/2024 16:48	BMT
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/08/2024 16:48	BMT
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/08/2024 16:48	BMT
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/08/2024 16:48	BMT
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/08/2024 16:48	BMT
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/08/2024 16:48	BMT
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/08/2024 16:48	BMT
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/08/2024 16:48	BMT
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/08/2024 16:48	BMT
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications:	07/08/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/08/2024 16:48	BMT
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D Certifications:	07/08/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/08/2024 16:48	BMT
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/08/2024 16:48	BMT
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/08/2024 16:48	BMT
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	07/08/2024 16:48	BMT
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	07/08/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	07/08/2024 16:48	BMT



Sample Information

Client Sample ID: TB-4

York Sample ID: 24G0361-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0361

Elka

Water

July 3, 2024 10:30 am

07/05/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 16:48	BMT
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 16:48	BMT
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 16:48	BMT
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 16:48	BMT
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 16:48	BMT
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 16:48	BMT
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 16:48	BMT
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 16:48	BMT
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 16:48	BMT
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 16:48	BMT
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 16:48	BMT
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 16:48	BMT
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 16:48	BMT
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 16:48	BMT
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 16:48	BMT
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	102 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	102 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	106 %	79-122								

Sample Information

Client Sample ID: EB-4

York Sample ID: 24G0361-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0361

Elka

Water

July 3, 2024 10:30 am

07/05/2024

Analyzed by: ALS Environmental



Sample Information

Client Sample ID: EB-4

York Sample ID: 24G0361-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0361

Elka

Water

July 3, 2024 10:30 am

07/05/2024

Analyzed by: ALS Environmental

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0005	1	EPA 7470 Certifications:	07/15/2024 13:26	07/15/2024 13:26	

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 17:14	BMT
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 17:14	BMT
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 17:14	BMT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 17:14	BMT
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 17:14	BMT
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 17:14	BMT
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 17:14	BMT
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 17:14	BMT
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 17:14	BMT
120-82-1	1,2,4-Trichlorobenzene	0.240	J	ug/L	0.138	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 17:14	BMT
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 17:14	BMT
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 17:14	BMT
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 17:14	BMT
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 17:14	BMT
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 17:14	BMT
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 17:14	BMT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 17:14	BMT



Sample Information

Client Sample ID: EB-4

York Sample ID: 24G0361-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0361

Elka

Water

July 3, 2024 10:30 am

07/05/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 17:14	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 17:14	BMT NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 17:14	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 17:14	BMT NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 17:14	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 17:14	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 17:14	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-64-1	Acetone	ND	CAL-E	ug/L	1.34	2.00	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 17:14	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-02-8	Acrolein	ND	CCVE	ug/L	0.447	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 17:14	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 17:14	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 17:14	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 17:14	BMT NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	0.450	J	ug/L	0.245	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 17:14	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 17:14	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 17:14	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 17:14	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 17:14	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 17:14	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 17:14	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	3.16		ug/L	0.243	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 17:14	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 17:14	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 17:14	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 17:14	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT



Sample Information

Client Sample ID: EB-4

York Sample ID: 24G0361-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0361

Elka

Water

July 3, 2024 10:30 am

07/05/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/08/2024 08:00	07/08/2024 17:14	BMT
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/08/2024 08:00	07/08/2024 17:14	BMT
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/08/2024 08:00	07/08/2024 17:14	BMT
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/08/2024 08:00	07/08/2024 17:14	BMT
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/08/2024 08:00	07/08/2024 17:14	BMT
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/08/2024 08:00	07/08/2024 17:14	BMT
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/08/2024 08:00	07/08/2024 17:14	BMT
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/08/2024 08:00	07/08/2024 17:14	BMT
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/08/2024 08:00	07/08/2024 17:14	BMT
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/08/2024 08:00	07/08/2024 17:14	BMT
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/08/2024 08:00	07/08/2024 17:14	BMT
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/08/2024 08:00	07/08/2024 17:14	BMT
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/08/2024 08:00	07/08/2024 17:14	BMT
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/08/2024 08:00	07/08/2024 17:14	BMT
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	07/08/2024 08:00	07/08/2024 17:14	BMT
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	07/08/2024 08:00	07/08/2024 17:14	BMT
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 17:14	BMT
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 17:14	BMT
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/08/2024 08:00	07/08/2024 17:14	BMT
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/08/2024 08:00	07/08/2024 17:14	BMT
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/08/2024 08:00	07/08/2024 17:14	BMT
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/08/2024 08:00	07/08/2024 17:14	BMT
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/08/2024 08:00	07/08/2024 17:14	BMT



Sample Information

Client Sample ID: EB-4

York Sample ID: 24G0361-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0361

Elka

Water

July 3, 2024 10:30 am

07/05/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 17:14	BMT
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 17:14	BMT
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 17:14	BMT
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 17:14	BMT
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 17:14	BMT
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 17:14	BMT
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 17:14	BMT
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications:	07/08/2024 08:00	07/08/2024 17:14	BMT
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: <i>SURR:</i> <i>1,2-Dichloroethane-d4</i>	98.8 %	69-130								
2037-26-5	Surrogate: <i>SURR:</i> <i>Toluene-d8</i>	102 %	81-117								
460-00-4	Surrogate: <i>SURR:</i> <i>p-Bromofluorobenzene</i>	107 %	79-122								

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

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/L	2.50	5.00	1	EPA 8270D Certifications:	07/09/2024 08:45	07/10/2024 19:20	ss
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	07/09/2024 08:45	07/10/2024 19:20	ss
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	07/09/2024 08:45	07/10/2024 19:20	ss
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	07/09/2024 08:45	07/10/2024 19:20	ss
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	07/09/2024 08:45	07/10/2024 19:20	ss
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	07/09/2024 08:45	07/10/2024 19:20	ss
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	07/09/2024 08:45	07/10/2024 19:20	ss
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	07/09/2024 08:45	07/10/2024 19:20	ss
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	07/09/2024 08:45	07/10/2024 19:20	ss



Sample Information

Client Sample ID: EB-4

York Sample ID: 24G0361-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0361

Elka

Water

July 3, 2024 10:30 am

07/05/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

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/L	2.50	5.00	1	EPA 8270D Certifications:	07/09/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/10/2024 19:20	ss
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	07/09/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/10/2024 19:20	ss
105-67-9	2,4-Dimethylphenol	ND	ICVE	ug/L	2.50	5.00	1	EPA 8270D Certifications:	07/09/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/10/2024 19:20	ss
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications:	07/09/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/10/2024 19:20	ss
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications:	07/09/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/10/2024 19:20	ss
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	07/09/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/10/2024 19:20	ss
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	07/09/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/10/2024 19:20	ss
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	07/09/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/10/2024 19:20	ss
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	07/09/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/10/2024 19:20	ss
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	07/09/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/10/2024 19:20	ss
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	07/09/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/10/2024 19:20	ss
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	07/09/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/10/2024 19:20	ss
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	07/09/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/10/2024 19:20	ss
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	07/09/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/10/2024 19:20	ss
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	07/09/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/10/2024 19:20	ss
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications:	07/09/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/10/2024 19:20	ss
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	07/09/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/10/2024 19:20	ss
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	07/09/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/10/2024 19:20	ss
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	07/09/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/10/2024 19:20	ss
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	07/09/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/10/2024 19:20	ss
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	07/09/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/10/2024 19:20	ss
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D Certifications:	07/09/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/10/2024 19:20	ss
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	07/09/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/10/2024 19:20	ss



Sample Information

Client Sample ID: EB-4		York Sample ID: 24G0361-12			
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24G0361	Elka	Water	July 3, 2024 10:30 am	07/05/2024	

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-53-3	Aniline	ND	ICVE	ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/09/2024 08:45	07/10/2024 19:20	ss
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/09/2024 08:45	07/10/2024 19:20	ss
92-87-5	Benzidine	ND		ug/L	5.00	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 08:45	07/10/2024 19:20	ss
65-85-0	Benzoic acid	ND	CAL-E, QL-02	ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/09/2024 08:45	07/10/2024 19:20	ss
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/09/2024 08:45	07/10/2024 19:20	ss
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 08:45	07/10/2024 19:20	ss
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 08:45	07/10/2024 19:20	ss
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 08:45	07/10/2024 19:20	ss
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 08:45	07/10/2024 19:20	ss
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/09/2024 08:45	07/10/2024 19:20	ss
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 08:45	07/10/2024 19:20	ss
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 08:45	07/10/2024 19:20	ss
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 08:45	07/10/2024 19:20	ss
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 08:45	07/10/2024 19:20	ss
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 08:45	07/10/2024 19:20	ss
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 08:45	07/10/2024 19:20	ss
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	ug/L	5.00	10.0	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 08:45	07/10/2024 19:20	ss
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 08:45	07/10/2024 19:20	ss
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 08:45	07/10/2024 19:20	ss
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 08:45	07/10/2024 19:20	ss
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 08:45	07/10/2024 19:20	ss
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 08:45	07/10/2024 19:20	ss
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	77.8 %	S-08	19.7-63.1							
13127-88-3	Surrogate: SURR: Phenol-d6	39.6 %	10.1-41.7								



Sample Information

Client Sample ID: EB-4

York Sample ID: 24G0361-12

York Project (SDG) No.

24G0361

Client Project ID

Elka

Matrix

Water

Collection Date/Time

July 3, 2024 10:30 am

Date Received

07/05/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	94.6 %			50.2-113						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	84.9 %			39.9-105						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	109 %			39.3-151						
1718-51-0	Surrogate: SURR: Terphenyl-d14	99.8 %			30.7-106						

Semi-Volatiles, 8270 (SIM)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 08:45	07/10/2024 19:57	SS
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 08:45	07/10/2024 19:57	SS
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 08:45	07/10/2024 19:57	SS
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	07/09/2024 08:45	07/10/2024 19:57	SS
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 08:45	07/10/2024 19:57	SS
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 08:45	07/10/2024 19:57	SS
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 08:45	07/10/2024 19:57	SS
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 08:45	07/10/2024 19:57	SS
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 08:45	07/10/2024 19:57	SS
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	07/09/2024 08:45	07/10/2024 19:57	SS
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 08:45	07/10/2024 19:57	SS
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 08:45	07/10/2024 19:57	SS
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 08:45	07/10/2024 19:57	SS
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 08:45	07/10/2024 19:57	SS
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	07/09/2024 08:45	07/10/2024 19:57	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	07/09/2024 08:45	07/10/2024 19:57	SS
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	07/09/2024 08:45	07/10/2024 19:57	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 08:45	07/10/2024 19:57	SS



Sample Information

Client Sample ID: EB-4

York Sample ID: 24G0361-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0361

Elka

Water

July 3, 2024 10:30 am

07/05/2024

Semi-Volatiles, 8270 (SIM)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 08:45	07/10/2024 19:57	SS
98-95-3	Nitrobenzene	ND	CCVE, ICVE	ug/L	0.250	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	07/09/2024 08:45	07/10/2024 19:57	SS
62-75-9	N-Nitrosodimethylamine	ND	CAL-E, QL-02	ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	07/09/2024 08:45	07/10/2024 19:57	SS
87-86-5	Pentachlorophenol	ND	CAL-E	ug/L	0.250	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	07/09/2024 08:45	07/10/2024 19:57	SS
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 08:45	07/10/2024 19:57	SS
129-00-0	Pyrene	0.140		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 08:45	07/10/2024 19:57	SS

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/10/2024 08:36	07/10/2024 16:05	AGNR
7440-39-3	Barium	ND		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/10/2024 08:36	07/10/2024 16:05	AGNR
7440-70-2	Calcium	0.125		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/10/2024 08:36	07/10/2024 16:05	AGNR
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/10/2024 08:36	07/10/2024 16:05	AGNR
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/10/2024 08:36	07/10/2024 16:05	AGNR
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/10/2024 08:36	07/10/2024 16:05	AGNR
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/10/2024 08:36	07/10/2024 16:05	AGNR
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/10/2024 08:36	07/10/2024 16:05	AGNR
7439-95-4	Magnesium	ND		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/10/2024 08:36	07/10/2024 16:05	AGNR
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/10/2024 08:36	07/10/2024 16:05	AGNR
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/10/2024 08:36	07/10/2024 16:05	AGNR
7440-09-7	Potassium	0.0663	B	mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/10/2024 08:36	07/10/2024 16:05	AGNR
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/10/2024 08:36	07/10/2024 16:05	AGNR
7440-23-5	Sodium	ND		mg/L	0.556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/10/2024 08:36	07/10/2024 16:05	AGNR



Sample Information

<u>Client Sample ID:</u> EB-4		<u>York Sample ID:</u> 24G0361-12			
<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>	
24G0361	Elka	Water	July 3, 2024 10:30 am	07/05/2024	

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/10/2024 08:36	07/10/2024 16:05	AGNR
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/10/2024 08:36	07/10/2024 16:05	AGNR

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 08:44	07/10/2024 17:20	cw
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 08:44	07/10/2024 17:20	cw
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 08:44	07/10/2024 17:20	cw
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 08:44	07/10/2024 17:20	cw
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 08:44	07/10/2024 17:20	cw
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/09/2024 08:44	07/10/2024 17:20	cw



Analytical Batch Summary

Batch ID: 7/15/2024 1:26:00 PM

Preparation Method: EPA SW846-7470A

Prepared By:

YORK Sample ID	Client Sample ID	Preparation Date
24G0361-12	EB-4	07/15/24

Batch ID: BG40409

Preparation Method: EPA 3550C

Prepared By: SAC

YORK Sample ID	Client Sample ID	Preparation Date
24G0361-04	SB-4 (6-12)	07/07/24
24G0361-05	SB-5 (6-12)	07/07/24
24G0361-06	SB-6 (6-12)	07/07/24
24G0361-07	SB-7 (6-12)	07/07/24
24G0361-08	SB-8 (6-12)	07/07/24
24G0361-09	SB-9 (6-12)	07/07/24
24G0361-09RE1	SB-9 (6-12)	07/07/24
24G0361-10	SB-10 (6-12)	07/07/24
24G0361-10RE1	SB-10 (6-12)	07/07/24
BG40409-BLK1	Blank	07/07/24
BG40409-BS1	LCS	07/07/24
BG40409-MS1	Matrix Spike	07/07/24
BG40409-MSD1	Matrix Spike Dup	07/07/24

Batch ID: BG40423

Preparation Method: % Solids Prep

Prepared By: HLY

YORK Sample ID	Client Sample ID	Preparation Date
24G0361-01	SB-1 (6-12)	07/08/24
24G0361-02	SB-2 (6-12)	07/08/24
24G0361-03	SB-3 (6-12)	07/08/24
24G0361-04	SB-4 (6-12)	07/08/24
24G0361-05	SB-5 (6-12)	07/08/24
24G0361-06	SB-6 (6-12)	07/08/24
24G0361-07	SB-7 (6-12)	07/08/24
24G0361-08	SB-8 (6-12)	07/08/24
BG40423-DUP1	Duplicate	07/08/24

Batch ID: BG40424

Preparation Method: % Solids Prep

Prepared By: HLY

YORK Sample ID	Client Sample ID	Preparation Date
24G0361-09	SB-9 (6-12)	07/08/24
24G0361-10	SB-10 (6-12)	07/08/24
BG40424-DUP1	Duplicate	07/08/24

Batch ID: BG40454

Preparation Method: EPA 5030B

Prepared By: FO

YORK Sample ID	Client Sample ID	Preparation Date
24G0361-11	TB-4	07/08/24



24G0361-12	EB-4	07/08/24
BG40454-BLK1	Blank	07/08/24
BG40454-BS1	LCS	07/08/24
BG40454-BSD1	LCS Dup	07/08/24
BG40454-LBK1	Leach Fluid Blank	07/08/24

Batch ID: BG40484 **Preparation Method:** EPA 3550C **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
24G0361-01	SB-1 (6-12)	07/08/24
24G0361-02	SB-2 (6-12)	07/08/24
24G0361-03	SB-3 (6-12)	07/08/24
BG40484-BLK1	Blank	07/08/24
BG40484-BS1	LCS	07/08/24
BG40484-MS1	Matrix Spike	07/08/24
BG40484-MSD1	Matrix Spike Dup	07/08/24

Batch ID: BG40535 **Preparation Method:** EPA 3015A **Prepared By:** DBT

YORK Sample ID	Client Sample ID	Preparation Date
24G0361-12	EB-4	07/09/24
BG40535-BLK1	Blank	07/09/24
BG40535-BS1	LCS	07/09/24
BG40535-DUP1	Duplicate	07/09/24
BG40535-MS1	Matrix Spike	07/09/24

Batch ID: BG40536 **Preparation Method:** EPA 3510C **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
24G0361-12	EB-4	07/09/24
BG40536-BLK1	Blank	07/09/24
BG40536-BLK2	Blank	07/09/24
BG40536-BS1	LCS	07/09/24
BG40536-BS2	LCS	07/09/24
BG40536-BSD1	LCS Dup	07/09/24

Batch ID: BG40572 **Preparation Method:** EPA 5035A **Prepared By:** FTR

YORK Sample ID	Client Sample ID	Preparation Date
24G0361-01	SB-1 (6-12)	07/10/24
24G0361-02	SB-2 (6-12)	07/10/24
24G0361-03	SB-3 (6-12)	07/10/24
24G0361-04	SB-4 (6-12)	07/10/24
24G0361-05	SB-5 (6-12)	07/10/24
24G0361-06	SB-6 (6-12)	07/10/24
24G0361-07	SB-7 (6-12)	07/10/24
24G0361-08	SB-8 (6-12)	07/10/24
24G0361-09	SB-9 (6-12)	07/10/24
24G0361-10	SB-10 (6-12)	07/10/24



BG40572-BLK1	Blank	07/10/24
BG40572-BS1	LCS	07/10/24
BG40572-MS1	Matrix Spike	07/10/24
BG40572-MSD1	Matrix Spike Dup	07/10/24

Batch ID: BG40589 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
24G0361-04	SB-4 (6-12)	07/09/24
24G0361-05	SB-5 (6-12)	07/09/24
24G0361-06	SB-6 (6-12)	07/09/24
24G0361-07	SB-7 (6-12)	07/09/24
24G0361-08	SB-8 (6-12)	07/09/24
24G0361-09	SB-9 (6-12)	07/09/24
24G0361-10	SB-10 (6-12)	07/09/24
BG40589-BLK1	Blank	07/09/24
BG40589-DUP1	Duplicate	07/09/24
BG40589-MS1	Matrix Spike	07/09/24
BG40589-SRM1	Reference	07/09/24

Batch ID: BG40593 **Preparation Method:** EPA 3050B **Prepared By:** JEF

YORK Sample ID	Client Sample ID	Preparation Date
24G0361-01	SB-1 (6-12)	07/09/24
24G0361-02	SB-2 (6-12)	07/09/24
24G0361-03	SB-3 (6-12)	07/09/24
24G0361-04	SB-4 (6-12)	07/09/24
24G0361-05	SB-5 (6-12)	07/09/24
24G0361-06	SB-6 (6-12)	07/09/24
24G0361-07	SB-7 (6-12)	07/09/24
24G0361-08	SB-8 (6-12)	07/09/24
24G0361-09	SB-9 (6-12)	07/09/24
BG40593-BLK1	Blank	07/09/24
BG40593-DUP1	Duplicate	07/09/24
BG40593-MS1	Matrix Spike	07/09/24
BG40593-PS1	Post Spike	07/09/24
BG40593-SRM1	Reference	07/09/24

Batch ID: BG40633 **Preparation Method:** EPA 3015A **Prepared By:** AD2

YORK Sample ID	Client Sample ID	Preparation Date
24G0361-12	EB-4	07/10/24
BG40633-BLK1	Blank	07/10/24
BG40633-BS1	LCS	07/10/24
BG40633-DUP1	Duplicate	07/10/24
BG40633-MS1	Matrix Spike	07/10/24
BG40633-PS1	Post Spike	07/10/24

Batch ID: BG40662 **Preparation Method:** EPA 3050B **Prepared By:** JEF



YORK Sample ID	Client Sample ID	Preparation Date
24G0361-10	SB-10 (6-12)	07/10/24
BG40662-BLK1	Blank	07/10/24
BG40662-DUP1	Duplicate	07/10/24
BG40662-MS1	Matrix Spike	07/10/24
BG40662-PS1	Post Spike	07/10/24
BG40662-SRM1	Reference	07/10/24

Batch ID: BG40673 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
24G0361-01	SB-1 (6-12)	07/10/24
24G0361-02	SB-2 (6-12)	07/10/24
24G0361-03	SB-3 (6-12)	07/10/24
BG40673-BLK1	Blank	07/10/24
BG40673-DUP1	Duplicate	07/10/24
BG40673-MS1	Matrix Spike	07/10/24
BG40673-SRM1	Reference	07/10/24



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG40454 - EPA 5030B

Blank (BG40454-BLK1)

Prepared & Analyzed: 07/08/2024

1,1,1,2-Tetrachloroethane	ND	0.500	ug/L
1,1,1-Trichloroethane	ND	0.500	"
1,1,2,2-Tetrachloroethane	ND	0.500	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"
1,1,2-Trichloroethane	ND	0.500	"
1,1-Dichloroethane	ND	0.500	"
1,1-Dichloroethylene	ND	0.500	"
1,2,3-Trichlorobenzene	ND	0.500	"
1,2,3-Trichloropropane	ND	0.500	"
1,2,4-Trichlorobenzene	ND	0.500	"
1,2,4-Trimethylbenzene	ND	0.500	"
1,2-Dibromo-3-chloropropane	ND	0.500	"
1,2-Dibromoethane	ND	0.500	"
1,2-Dichlorobenzene	ND	0.500	"
1,2-Dichloroethane	ND	0.500	"
1,2-Dichloropropane	ND	0.500	"
1,3,5-Trimethylbenzene	ND	0.500	"
1,3-Dichlorobenzene	ND	0.500	"
1,3-Dichloropropane	ND	0.500	"
1,4-Dichlorobenzene	ND	0.500	"
1,4-Dioxane	ND	80.0	"
2-Butanone	ND	0.500	"
2-Hexanone	ND	0.500	"
4-Methyl-2-pentanone	ND	0.500	"
Acetone	ND	2.00	"
Acrolein	ND	0.500	"
Acrylonitrile	ND	0.500	"
Benzene	ND	0.500	"
Bromochloromethane	ND	0.500	"
Bromodichloromethane	ND	0.500	"
Bromoform	ND	0.500	"
Bromomethane	ND	0.500	"
Carbon disulfide	ND	0.500	"
Carbon tetrachloride	ND	0.500	"
Chlorobenzene	ND	0.500	"
Chloroethane	ND	0.500	"
Chloroform	ND	0.500	"
Chloromethane	ND	0.500	"
cis-1,2-Dichloroethylene	ND	0.500	"
cis-1,3-Dichloropropylene	ND	0.500	"
Cyclohexane	ND	0.500	"
Dibromochloromethane	ND	0.500	"
Dibromomethane	ND	0.500	"
Dichlorodifluoromethane	ND	0.500	"
Ethyl Benzene	ND	0.500	"
Hexachlorobutadiene	ND	0.500	"
Isopropylbenzene	ND	0.500	"
Methyl acetate	ND	0.500	"
Methyl tert-butyl ether (MTBE)	ND	0.500	"



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG40454 - EPA 5030B

Blank (BG40454-BLK1)

Prepared & Analyzed: 07/08/2024

Methylcyclohexane	ND	0.500	ug/L								
Methylene chloride	0.450	2.00	"								
Naphthalene	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Diethylbenzene	ND	0.500	"								
p-Ethyltoluene	ND	0.500	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	10.2		"	10.0		102	69-130				
Surrogate: SURR: Toluene-d8	10.1		"	10.0		101	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.5		"	10.0		105	79-122				

LCS (BG40454-BS1)

Prepared & Analyzed: 07/08/2024

1,1,1,2-Tetrachloroethane	10.7		ug/L	10.0		107	82-126				
1,1,1-Trichloroethane	10.5		"	10.0		105	78-136				
1,1,2,2-Tetrachloroethane	10.8		"	10.0		108	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.7		"	10.0		107	54-165				
1,1,2-Trichloroethane	10.5		"	10.0		105	82-123				
1,1-Dichloroethane	10.2		"	10.0		102	82-129				
1,1-Dichloroethylene	11.2		"	10.0		112	68-138				
1,2,3-Trichlorobenzene	14.0		"	10.0		140	76-136	High Bias			
1,2,3-Trichloropropane	11.4		"	10.0		114	77-128				
1,2,4-Trichlorobenzene	11.8		"	10.0		118	76-137				
1,2,4-Trimethylbenzene	12.2		"	10.0		122	82-132				
1,2-Dibromo-3-chloropropane	11.8		"	10.0		118	45-147				
1,2-Dibromoethane	10.7		"	10.0		107	83-124				
1,2-Dichlorobenzene	11.4		"	10.0		114	79-123				
1,2-Dichloroethane	10.4		"	10.0		104	73-132				
1,2-Dichloropropane	10.9		"	10.0		109	78-126				
1,3,5-Trimethylbenzene	12.0		"	10.0		120	80-131				
1,3-Dichlorobenzene	11.5		"	10.0		115	86-122				
1,3-Dichloropropane	10.5		"	10.0		105	81-125				
1,4-Dichlorobenzene	11.4		"	10.0		114	85-124				
1,4-Dioxane	68.3		"	210		32.5	10-349				
2-Butanone	5.85		"	10.0		58.5	49-152				
2-Hexanone	9.06		"	10.0		90.6	51-146				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG40454 - EPA 5030B

LCS (BG40454-BS1)

Prepared & Analyzed: 07/08/2024

4-Methyl-2-pentanone	9.80		ug/L	10.0		98.0	57-145				
Acetone	7.37		"	10.0		73.7	14-150				
Acrolein	3.62		"	10.0		36.2	10-153				
Acrylonitrile	9.87		"	10.0		98.7	51-150				
Benzene	10.7		"	10.0		107	85-126				
Bromochloromethane	9.85		"	10.0		98.5	77-128				
Bromodichloromethane	10.8		"	10.0		108	79-128				
Bromoform	9.85		"	10.0		98.5	78-133				
Bromomethane	6.88		"	10.0		68.8	43-168				
Carbon disulfide	10.6		"	10.0		106	68-146				
Carbon tetrachloride	10.4		"	10.0		104	77-141				
Chlorobenzene	11.1		"	10.0		111	88-120				
Chloroethane	10.5		"	10.0		105	65-136				
Chloroform	10.4		"	10.0		104	82-128				
Chloromethane	10.0		"	10.0		100	43-155				
cis-1,2-Dichloroethylene	10.4		"	10.0		104	83-129				
cis-1,3-Dichloropropylene	10.5		"	10.0		105	80-131				
Cyclohexane	10.1		"	10.0		101	63-149				
Dibromochloromethane	10.6		"	10.0		106	80-130				
Dibromomethane	10.7		"	10.0		107	72-134				
Dichlorodifluoromethane	13.2		"	10.0		132	44-144				
Ethyl Benzene	11.5		"	10.0		115	80-131				
Hexachlorobutadiene	10.9		"	10.0		109	67-146				
Isopropylbenzene	11.6		"	10.0		116	76-140				
Methyl acetate	9.94		"	10.0		99.4	51-139				
Methyl tert-butyl ether (MTBE)	9.35		"	10.0		93.5	76-135				
Methylcyclohexane	10.5		"	10.0		105	72-143				
Methylene chloride	10.1		"	10.0		101	55-137				
Naphthalene	12.8		"	10.0		128	70-147				
n-Butylbenzene	12.4		"	10.0		124	79-132				
n-Propylbenzene	11.7		"	10.0		117	78-133				
o-Xylene	11.2		"	10.0		112	78-130				
p- & m- Xylenes	22.6		"	20.0		113	77-133				
p-Diethylbenzene	12.2		"	10.0		122	84-134				
p-Ethyltoluene	11.7		"	10.0		117	88-129				
p-Isopropyltoluene	12.1		"	10.0		121	81-136				
sec-Butylbenzene	11.8		"	10.0		118	79-137				
Styrene	11.4		"	10.0		114	67-132				
tert-Butyl alcohol (TBA)	48.0		"	50.0		96.1	25-162				
tert-Butylbenzene	11.5		"	10.0		115	77-138				
Tetrachloroethylene	6.27		"	10.0		62.7	82-131	Low Bias			
Toluene	11.3		"	10.0		113	80-127				
trans-1,2-Dichloroethylene	10.8		"	10.0		108	80-132				
trans-1,3-Dichloropropylene	10.6		"	10.0		106	78-131				
Trichloroethylene	11.2		"	10.0		112	82-128				
Trichlorofluoromethane	10.7		"	10.0		107	67-139				
Vinyl Chloride	10.8		"	10.0		108	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	9.63		"	10.0		96.3	69-130				
Surrogate: SURR: Toluene-d8	10.1		"	10.0		101	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.3		"	10.0		103	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	Limit	Flag
Batch BG40454 - EPA 5030B											
LCS Dup (BG40454-BSD1)						Prepared & Analyzed: 07/08/2024					
1,1,1,2-Tetrachloroethane	10.6		ug/L	10.0		106	82-126		1.22	30	
1,1,1-Trichloroethane	9.77		"	10.0		97.7	78-136		7.11	30	
1,1,2,2-Tetrachloroethane	11.6		"	10.0		116	76-129		7.08	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.95		"	10.0		99.5	54-165		7.17	30	
1,1,2-Trichloroethane	11.2		"	10.0		112	82-123		6.07	30	
1,1-Dichloroethane	9.67		"	10.0		96.7	82-129		5.14	30	
1,1-Dichloroethylene	10.3		"	10.0		103	68-138		7.93	30	
1,2,3-Trichlorobenzene	16.6		"	10.0		166	76-136	High Bias	17.5	30	
1,2,3-Trichloropropane	12.2		"	10.0		122	77-128		6.96	30	
1,2,4-Trichlorobenzene	12.4		"	10.0		124	76-137		4.70	30	
1,2,4-Trimethylbenzene	11.0		"	10.0		110	82-132		9.93	30	
1,2-Dibromo-3-chloropropane	13.5		"	10.0		135	45-147		14.2	30	
1,2-Dibromoethane	11.4		"	10.0		114	83-124		6.68	30	
1,2-Dichlorobenzene	11.1		"	10.0		111	79-123		3.20	30	
1,2-Dichloroethane	11.0		"	10.0		110	73-132		5.23	30	
1,2-Dichloropropane	10.8		"	10.0		108	78-126		1.20	30	
1,3,5-Trimethylbenzene	10.8		"	10.0		108	80-131		10.1	30	
1,3-Dichlorobenzene	10.9		"	10.0		109	86-122		5.25	30	
1,3-Dichloropropane	11.3		"	10.0		113	81-125		7.98	30	
1,4-Dichlorobenzene	10.9		"	10.0		109	85-124		4.85	30	
1,4-Dioxane	278		"	210		132	10-349		121	30	Non-dir.
2-Butanone	8.28		"	10.0		82.8	49-152		34.4	30	Non-dir.
2-Hexanone	10.6		"	10.0		106	51-146		16.0	30	
4-Methyl-2-pentanone	11.6		"	10.0		116	57-145		16.4	30	
Acetone	7.94		"	10.0		79.4	14-150		7.45	30	
Acrolein	2.09		"	10.0		20.9	10-153		53.6	30	Non-dir.
Acrylonitrile	12.1		"	10.0		121	51-150		20.4	30	
Benzene	10.2		"	10.0		102	85-126		5.06	30	
Bromochloromethane	10.1		"	10.0		101	77-128		2.70	30	
Bromodichloromethane	11.0		"	10.0		110	79-128		2.02	30	
Bromoform	10.9		"	10.0		109	78-133		9.94	30	
Bromomethane	7.11		"	10.0		71.1	43-168		3.29	30	
Carbon disulfide	9.69		"	10.0		96.9	68-146		9.25	30	
Carbon tetrachloride	9.67		"	10.0		96.7	77-141		6.99	30	
Chlorobenzene	10.8		"	10.0		108	88-120		3.20	30	
Chloroethane	9.82		"	10.0		98.2	65-136		6.50	30	
Chloroform	10.1		"	10.0		101	82-128		2.73	30	
Chloromethane	8.88		"	10.0		88.8	43-155		12.4	30	
cis-1,2-Dichloroethylene	10.1		"	10.0		101	83-129		2.92	30	
cis-1,3-Dichloropropylene	10.7		"	10.0		107	80-131		1.98	30	
Cyclohexane	9.37		"	10.0		93.7	63-149		7.20	30	
Dibromochloromethane	11.3		"	10.0		113	80-130		6.76	30	
Dibromomethane	11.6		"	10.0		116	72-134		8.01	30	
Dichlorodifluoromethane	12.1		"	10.0		121	44-144		8.85	30	
Ethyl Benzene	10.8		"	10.0		108	80-131		5.84	30	
Hexachlorobutadiene	10.1		"	10.0		101	67-146		7.82	30	
Isopropylbenzene	10.5		"	10.0		105	76-140		10.7	30	
Methyl acetate	11.0		"	10.0		110	51-139		9.85	30	
Methyl tert-butyl ether (MTBE)	10.4		"	10.0		104	76-135		10.5	30	
Methylcyclohexane	9.78		"	10.0		97.8	72-143		7.48	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	Limit	Flag

Batch BG40454 - EPA 5030B

LCS Dup (BG40454-BSD1)

Prepared & Analyzed: 07/08/2024

Methylene chloride	10.2		ug/L	10.0		102	55-137		0.888	30	
Naphthalene	15.4		"	10.0		154	70-147	High Bias	18.1	30	
n-Butylbenzene	11.1		"	10.0		111	79-132		10.5	30	
n-Propylbenzene	10.4		"	10.0		104	78-133		11.1	30	
o-Xylene	10.8		"	10.0		108	78-130		3.55	30	
p- & m- Xylenes	21.3		"	20.0		106	77-133		5.88	30	
p-Diethylbenzene	11.0		"	10.0		110	84-134		10.3	30	
p-Ethyltoluene	10.6		"	10.0		106	88-129		10.2	30	
p-Isopropyltoluene	10.8		"	10.0		108	81-136		11.3	30	
sec-Butylbenzene	10.6		"	10.0		106	79-137		11.0	30	
Styrene	11.2		"	10.0		112	67-132		1.95	30	
tert-Butyl alcohol (TBA)	64.9		"	50.0		130	25-162		29.9	30	
tert-Butylbenzene	10.3		"	10.0		103	77-138		10.6	30	
Tetrachloroethylene	5.81		"	10.0		58.1	82-131	Low Bias	7.62	30	
Toluene	10.7		"	10.0		107	80-127		5.00	30	
trans-1,2-Dichloroethylene	10.0		"	10.0		100	80-132		7.12	30	
trans-1,3-Dichloropropylene	11.2		"	10.0		112	78-131		5.58	30	
Trichloroethylene	10.6		"	10.0		106	82-128		5.39	30	
Trichlorofluoromethane	9.95		"	10.0		99.5	67-139		7.17	30	
Vinyl Chloride	9.97		"	10.0		99.7	58-145		7.62	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	10.4		"	10.0		104	69-130				
Surrogate: SURR: Toluene-d8	10.1		"	10.0		101	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.89		"	10.0		98.9	79-122				

Leach Fluid Blank (BG40454-LBK1)

Prepared & Analyzed: 07/08/2024

1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	5.97	2.00	"								



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG40454 - EPA 5030B

Leach Fluid Blank (BG40454-LBK1)

Prepared & Analyzed: 07/08/2024

Acrolein	ND	0.500	ug/L
Acrylonitrile	ND	0.500	"
Benzene	ND	0.500	"
Bromochloromethane	ND	0.500	"
Bromodichloromethane	ND	0.500	"
Bromoform	ND	0.500	"
Bromomethane	ND	0.500	"
Carbon disulfide	ND	0.500	"
Carbon tetrachloride	ND	0.500	"
Chlorobenzene	ND	0.500	"
Chloroethane	ND	0.500	"
Chloroform	0.600	0.500	"
Chloromethane	ND	0.500	"
cis-1,2-Dichloroethylene	ND	0.500	"
cis-1,3-Dichloropropylene	ND	0.500	"
Cyclohexane	ND	0.500	"
Dibromochloromethane	ND	0.500	"
Dibromomethane	ND	0.500	"
Dichlorodifluoromethane	ND	0.500	"
Ethyl Benzene	ND	0.500	"
Hexachlorobutadiene	ND	0.500	"
Isopropylbenzene	ND	0.500	"
Methyl acetate	ND	0.500	"
Methyl tert-butyl ether (MTBE)	ND	0.500	"
Methyleyclohexane	ND	0.500	"
Methylene chloride	12.9	2.00	"
Naphthalene	0.230	2.00	"
n-Butylbenzene	ND	0.500	"
n-Propylbenzene	ND	0.500	"
o-Xylene	ND	0.500	"
p- & m- Xylenes	ND	1.00	"
p-Diethylbenzene	ND	0.500	"
p-Ethyltoluene	ND	0.500	"
p-Isopropyltoluene	ND	0.500	"
sec-Butylbenzene	ND	0.500	"
Styrene	ND	0.500	"
tert-Butyl alcohol (TBA)	ND	1.00	"
tert-Butylbenzene	ND	0.500	"
Tetrachloroethylene	ND	0.500	"
Toluene	ND	0.500	"
trans-1,2-Dichloroethylene	ND	0.500	"
trans-1,3-Dichloropropylene	ND	0.500	"
Trichloroethylene	ND	0.500	"
Trichlorofluoromethane	ND	0.500	"
Vinyl Chloride	ND	0.500	"
Xylenes, Total	ND	1.50	"

Surrogate: SURR: 1,2-Dichloroethane-d4	10.4	"	10.0	104	69-130
Surrogate: SURR: Toluene-d8	10.2	"	10.0	102	81-117
Surrogate: SURR: p-Bromofluorobenzene	10.2	"	10.0	102	79-122



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG40572 - EPA 5035A

Blank (BG40572-BLK1)

Prepared & Analyzed: 07/10/2024

1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet
1,1,1-Trichloroethane	ND	0.0050	"
1,1,2,2-Tetrachloroethane	ND	0.0050	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"
1,1,2-Trichloroethane	ND	0.0050	"
1,1-Dichloroethane	ND	0.0050	"
1,1-Dichloroethylene	ND	0.0050	"
1,1-Dichloropropylene	ND	0.0050	"
1,2,3-Trichlorobenzene	ND	0.0050	"
1,2,3-Trichloropropane	ND	0.0050	"
1,2,4-Trichlorobenzene	ND	0.0050	"
1,2,4-Trimethylbenzene	ND	0.0050	"
1,2-Dibromo-3-chloropropane	ND	0.0050	"
1,2-Dibromoethane	ND	0.0050	"
1,2-Dichlorobenzene	ND	0.0050	"
1,2-Dichloroethane	ND	0.0050	"
1,2-Dichloropropane	ND	0.0050	"
1,3,5-Trimethylbenzene	ND	0.0050	"
1,3-Dichlorobenzene	ND	0.0050	"
1,3-Dichloropropane	ND	0.0050	"
1,4-Dichlorobenzene	ND	0.0050	"
1,4-Dioxane	ND	0.10	"
2,2-Dichloropropane	ND	0.0050	"
2-Butanone	ND	0.0050	"
2-Chlorotoluene	ND	0.0050	"
2-Hexanone	ND	0.0050	"
4-Chlorotoluene	ND	0.0050	"
4-Methyl-2-pentanone	ND	0.0050	"
Acetone	ND	0.010	"
Acrolein	ND	0.010	"
Acrylonitrile	ND	0.0050	"
Benzene	ND	0.0050	"
Bromobenzene	ND	0.0050	"
Bromochloromethane	ND	0.0050	"
Bromodichloromethane	ND	0.0050	"
Bromoform	ND	0.0050	"
Bromomethane	ND	0.0050	"
Carbon disulfide	ND	0.0050	"
Carbon tetrachloride	ND	0.0050	"
Chlorobenzene	ND	0.0050	"
Chloroethane	ND	0.0050	"
Chloroform	ND	0.0050	"
Chloromethane	ND	0.0050	"
cis-1,2-Dichloroethylene	ND	0.0050	"
cis-1,3-Dichloropropylene	ND	0.0050	"
Cyclohexane	ND	0.0050	"
Dibromochloromethane	ND	0.0050	"
Dibromomethane	ND	0.0050	"
Dichlorodifluoromethane	ND	0.0050	"
Ethyl Benzene	ND	0.0050	"



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG40572 - EPA 5035A

Blank (BG40572-BLK1)

Prepared & Analyzed: 07/10/2024

Hexachlorobutadiene	ND	0.0050	mg/kg wet
Isopropylbenzene	ND	0.0050	"
Methyl acetate	ND	0.0050	"
Methyl tert-butyl ether (MTBE)	ND	0.0050	"
Methyleyclohexane	ND	0.0050	"
Methylene chloride	0.0068	0.010	"
n-Butylbenzene	ND	0.0050	"
n-Propylbenzene	ND	0.0050	"
o-Xylene	ND	0.0050	"
p- & m- Xylenes	ND	0.010	"
p-Isopropyltoluene	ND	0.0050	"
sec-Butylbenzene	ND	0.0050	"
Styrene	ND	0.0050	"
tert-Butyl alcohol (TBA)	ND	0.0050	"
tert-Butylbenzene	ND	0.0050	"
Tetrachloroethylene	ND	0.0050	"
Toluene	ND	0.0050	"
trans-1,2-Dichloroethylene	ND	0.0050	"
trans-1,3-Dichloropropylene	ND	0.0050	"
Trichloroethylene	ND	0.0050	"
Trichlorofluoromethane	ND	0.0050	"
Vinyl acetate	ND	0.0050	"
Vinyl Chloride	ND	0.0050	"
Xylenes, Total	ND	0.015	"

Surrogate: SURR: 1,2-Dichloroethane-d4	49.1	ug/L	50.0	98.2	77-125
Surrogate: SURR: Toluene-d8	49.0	"	50.0	98.0	85-120
Surrogate: SURR: p-Bromofluorobenzene	50.7	"	50.0	101	76-130



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG40572 - EPA 5035A											
LCS (BG40572-BS1)						Prepared & Analyzed: 07/10/2024					
1,1,1,2-Tetrachloroethane	48.2		ug/L	50.0		96.4	75-129				
1,1,1-Trichloroethane	45.7		"	50.0		91.5	71-137				
1,1,2,2-Tetrachloroethane	58.9		"	50.0		118	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	43.2		"	50.0		86.5	58-146				
1,1,2-Trichloroethane	53.5		"	50.0		107	83-123				
1,1-Dichloroethane	48.9		"	50.0		97.8	75-130				
1,1-Dichloroethylene	52.4		"	50.0		105	64-137				
1,1-Dichloropropylene	47.9		"	50.0		95.9	77-127				
1,2,3-Trichlorobenzene	61.2		"	50.0		122	81-140				
1,2,3-Trichloropropane	54.4		"	50.0		109	81-126				
1,2,4-Trichlorobenzene	61.2		"	50.0		122	80-141				
1,2,4-Trimethylbenzene	54.5		"	50.0		109	84-125				
1,2-Dibromo-3-chloropropane	56.6		"	50.0		113	74-142				
1,2-Dibromoethane	57.4		"	50.0		115	86-123				
1,2-Dichlorobenzene	51.9		"	50.0		104	85-122				
1,2-Dichloroethane	48.8		"	50.0		97.6	71-133				
1,2-Dichloropropane	58.8		"	50.0		118	81-122				
1,3,5-Trimethylbenzene	54.4		"	50.0		109	82-126				
1,3-Dichlorobenzene	52.2		"	50.0		104	84-124				
1,3-Dichloropropane	56.9		"	50.0		114	83-123				
1,4-Dichlorobenzene	52.6		"	50.0		105	84-124				
1,4-Dioxane	1270		"	1050		121	10-228				
2,2-Dichloropropane	46.6		"	50.0		93.2	67-136				
2-Butanone	53.0		"	50.0		106	58-147				
2-Chlorotoluene	52.6		"	50.0		105	78-127				
2-Hexanone	62.2		"	50.0		124	70-139				
4-Chlorotoluene	54.3		"	50.0		109	79-125				
4-Methyl-2-pentanone	62.8		"	50.0		126	72-132				
Acetone	42.3		"	50.0		84.6	36-155				
Acrolein	39.1		"	50.0		78.2	10-238				
Acrylonitrile	58.7		"	50.0		117	66-141				
Benzene	49.5		"	50.0		99.0	77-127				
Bromobenzene	57.6		"	50.0		115	77-129				
Bromochloromethane	52.3		"	50.0		105	74-129				
Bromodichloromethane	53.9		"	50.0		108	81-124				
Bromoform	51.9		"	50.0		104	80-136				
Bromomethane	20.1		"	50.0		40.2	32-177				
Carbon disulfide	52.6		"	50.0		105	10-136				
Carbon tetrachloride	45.6		"	50.0		91.3	66-143				
Chlorobenzene	51.5		"	50.0		103	86-120				
Chloroethane	17.6		"	50.0		35.2	51-142	Low Bias			
Chloroform	47.7		"	50.0		95.4	76-131				
Chloromethane	42.4		"	50.0		84.8	49-132				
cis-1,2-Dichloroethylene	50.0		"	50.0		100	74-132				
cis-1,3-Dichloropropylene	53.6		"	50.0		107	81-129				
Cyclohexane	50.0		"	50.0		99.9	70-130				
Dibromochloromethane	52.8		"	50.0		106	10-200				
Dibromomethane	54.3		"	50.0		109	83-124				
Dichlorodifluoromethane	43.1		"	50.0		86.3	28-158				
Ethyl Benzene	53.5		"	50.0		107	84-125				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG40572 - EPA 5035A

LCS (BG40572-BS1)

Prepared & Analyzed: 07/10/2024

Hexachlorobutadiene	59.8		ug/L	50.0		120	83-133				
Isopropylbenzene	53.9		"	50.0		108	81-127				
Methyl acetate	50.9		"	50.0		102	41-143				
Methyl tert-butyl ether (MTBE)	47.1		"	50.0		94.1	74-131				
Methyleyclohexane	52.0		"	50.0		104	70-130				
Methylene chloride	55.7		"	50.0		111	57-141				
n-Butylbenzene	53.0		"	50.0		106	80-130				
n-Propylbenzene	53.9		"	50.0		108	74-136				
o-Xylene	53.0		"	50.0		106	83-123				
p- & m- Xylenes	106		"	100		106	82-128				
p-Isopropyltoluene	53.1		"	50.0		106	85-125				
sec-Butylbenzene	52.7		"	50.0		105	83-125				
Styrene	52.7		"	50.0		105	86-126				
tert-Butyl alcohol (TBA)	240		"	250		96.0	70-130				
tert-Butylbenzene	52.2		"	50.0		104	80-127				
Tetrachloroethylene	47.4		"	50.0		94.8	80-129				
Toluene	53.2		"	50.0		106	85-121				
trans-1,2-Dichloroethylene	50.6		"	50.0		101	72-132				
trans-1,3-Dichloropropylene	51.6		"	50.0		103	78-132				
Trichloroethylene	53.8		"	50.0		108	84-123				
Trichlorofluoromethane	24.1		"	50.0		48.3	62-140	Low Bias			
Vinyl acetate	51.1		"	50.0		102	67-136				
Vinyl Chloride	16.9		"	50.0		33.7	52-130	Low Bias			
Surrogate: SURRE: 1,2-Dichloroethane-d4	47.3		"	50.0		94.6	77-125				
Surrogate: SURRE: Toluene-d8	50.0		"	50.0		100	85-120				
Surrogate: SURRE: p-Bromofluorobenzene	53.2		"	50.0		106	76-130				

Matrix Spike (BG40572-MS1)

*Source sample: 24G0361-01 (SB-1 (6-12))

Prepared & Analyzed: 07/10/2024

1,1,1,2-Tetrachloroethane	37.6		ug/L	50.0	0.00	75.2	15-161				
1,1,1-Trichloroethane	40.0		"	50.0	0.00	79.9	42-145				
1,1,2,2-Tetrachloroethane	9.77		"	50.0	0.00	19.5	16-167				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	34.9		"	50.0	0.00	69.7	11-160				
1,1,2-Trichloroethane	46.8		"	50.0	0.00	93.6	44-145				
1,1-Dichloroethane	45.5		"	50.0	0.00	91.1	46-142				
1,1-Dichloroethylene	46.9		"	50.0	0.00	93.8	30-153				
1,1-Dichloropropylene	40.7		"	50.0	0.00	81.4	40-133				
1,2,3-Trichlorobenzene	16.4		"	50.0	0.00	32.7	10-157				
1,2,3-Trichloropropane	46.9		"	50.0	0.00	93.9	38-155				
1,2,4-Trichlorobenzene	18.6		"	50.0	0.00	37.3	10-151				
1,2,4-Trimethylbenzene	33.6		"	50.0	0.00	67.2	10-170				
1,2-Dibromo-3-chloropropane	40.7		"	50.0	0.00	81.4	36-138				
1,2-Dibromoethane	48.2		"	50.0	0.00	96.4	40-142				
1,2-Dichlorobenzene	27.5		"	50.0	0.00	55.1	10-147				
1,2-Dichloroethane	44.1		"	50.0	0.00	88.2	48-133				
1,2-Dichloropropane	54.1		"	50.0	0.00	108	47-141				
1,3,5-Trimethylbenzene	34.2		"	50.0	0.00	68.4	10-150				
1,3-Dichlorobenzene	28.9		"	50.0	0.00	57.7	10-144				
1,3-Dichloropropane	49.8		"	50.0	0.00	99.7	43-142				
1,4-Dichlorobenzene	28.6		"	50.0	0.00	57.1	10-160				
1,4-Dioxane	1290		"	1050	0.00	122	10-191				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG40572 - EPA 5035A											
Matrix Spike (BG40572-MS1)		*Source sample: 24G0361-01 (SB-1 (6-12))					Prepared & Analyzed: 07/10/2024				
2,2-Dichloropropane	42.0		ug/L	50.0	0.00	84.0	38-130				
2-Butanone	60.0		"	50.0	9.76	101	10-189				
2-Chlorotoluene	34.4		"	50.0	0.00	68.7	14-144				
2-Hexanone	57.9		"	50.0	0.00	116	10-181				
4-Chlorotoluene	34.5		"	50.0	0.00	69.0	15-138				
4-Methyl-2-pentanone	59.9		"	50.0	0.00	120	10-166				
Acetone	93.7		"	50.0	53.1	81.2	10-196				
Acrolein	4.37		"	50.0	0.00	8.74	10-192	Low Bias			
Acrylonitrile	54.9		"	50.0	0.00	110	13-161				
Benzene	44.3		"	50.0	0.00	88.6	43-139				
Bromobenzene	39.8		"	50.0	0.00	79.5	23-142				
Bromochloromethane	48.3		"	50.0	0.00	96.5	38-145				
Bromodichloromethane	47.4		"	50.0	0.00	94.8	38-147				
Bromoform	37.9		"	50.0	0.00	75.9	29-156				
Bromomethane	19.2		"	50.0	0.00	38.5	10-166				
Carbon disulfide	43.0		"	50.0	0.00	86.0	10-131				
Carbon tetrachloride	38.0		"	50.0	0.00	76.0	35-145				
Chlorobenzene	38.6		"	50.0	0.00	77.3	21-154				
Chloroethane	17.6		"	50.0	0.00	35.2	15-160				
Chloroform	43.7		"	50.0	0.00	87.5	47-142				
Chloromethane	38.4		"	50.0	0.00	76.7	10-159				
cis-1,2-Dichloroethylene	45.3		"	50.0	0.00	90.6	42-144				
cis-1,3-Dichloropropylene	45.2		"	50.0	0.00	90.3	18-159				
Cyclohexane	38.1		"	50.0	0.00	76.1	70-130				
Dibromochloromethane	42.3		"	50.0	0.00	84.6	10-179				
Dibromomethane	48.8		"	50.0	0.00	97.6	47-143				
Dichlorodifluoromethane	38.7		"	50.0	0.00	77.4	10-145				
Ethyl Benzene	40.3		"	50.0	0.00	80.6	11-158				
Hexachlorobutadiene	14.5		"	50.0	0.00	29.0	10-158				
Isopropylbenzene	38.1		"	50.0	0.00	76.3	10-162				
Methyl acetate	28.4		"	50.0	0.00	56.8	10-149				
Methyl tert-butyl ether (MTBE)	44.4		"	50.0	0.00	88.9	42-152				
Methylcyclohexane	32.1		"	50.0	0.00	64.2	70-130	Low Bias			
Methylene chloride	52.1		"	50.0	2.05	100	28-151				
n-Butylbenzene	24.3		"	50.0	0.00	48.6	10-162				
n-Propylbenzene	34.9		"	50.0	0.00	69.7	10-155				
o-Xylene	38.7		"	50.0	0.00	77.4	10-158				
p- & m- Xylenes	78.0		"	100	0.00	78.0	10-156				
p-Isopropyltoluene	28.7		"	50.0	0.00	57.4	10-147				
sec-Butylbenzene	28.8		"	50.0	0.00	57.6	10-157				
Styrene	37.1		"	50.0	0.00	74.1	13-171				
tert-Butyl alcohol (TBA)	246		"	250	0.00	98.3	34-179				
tert-Butylbenzene	31.9		"	50.0	0.00	63.9	10-160				
Tetrachloroethylene	35.2		"	50.0	0.00	70.4	30-167				
Toluene	45.2		"	50.0	0.00	90.5	21-160				
trans-1,2-Dichloroethylene	45.8		"	50.0	0.00	91.6	29-153				
trans-1,3-Dichloropropylene	41.7		"	50.0	0.00	83.4	18-155				
Trichloroethylene	73.5		"	50.0	0.00	147	24-169				
Trichlorofluoromethane	21.5		"	50.0	0.00	43.0	35-142				
Vinyl acetate	0.00		"	50.0	0.00		10-119	Low Bias			
Vinyl Chloride	16.5		"	50.0	0.00	33.0	12-160				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	Limit	Flag
Batch BG40572 - EPA 5035A											
Matrix Spike (BG40572-MS1)		*Source sample: 24G0361-01 (SB-1 (6-12))					Prepared & Analyzed: 07/10/2024				
Surrogate: SURR: 1,2-Dichloroethane-d4	47.2		ug/L	50.0		94.4	77-125				
Surrogate: SURR: Toluene-d8	50.9		"	50.0		102	85-120				
Surrogate: SURR: p-Bromofluorobenzene	55.2		"	50.0		110	76-130				
Matrix Spike Dup (BG40572-MSD1)		*Source sample: 24G0361-01 (SB-1 (6-12))					Prepared & Analyzed: 07/10/2024				
1,1,1,2-Tetrachloroethane	37.8		ug/L	50.0	0.00	75.6	15-161		0.530	33	
1,1,1-Trichloroethane	39.5		"	50.0	0.00	79.0	42-145		1.16	30	
1,1,2,2-Tetrachloroethane	21.8		"	50.0	0.00	43.6	16-167		76.2	56	Non-dir.
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	34.5		"	50.0	0.00	69.0	11-160		1.12	31	
1,1,2-Trichloroethane	46.1		"	50.0	0.00	92.2	44-145		1.53	40	
1,1-Dichloroethane	43.8		"	50.0	0.00	87.5	46-142		3.96	36	
1,1-Dichloroethylene	46.1		"	50.0	0.00	92.2	30-153		1.72	31	
1,1-Dichloropropylene	40.2		"	50.0	0.00	80.3	40-133		1.34	28	
1,2,3-Trichlorobenzene	17.1		"	50.0	0.00	34.2	10-157		4.60	47	
1,2,3-Trichloropropane	46.6		"	50.0	0.00	93.1	38-155		0.813	48	
1,2,4-Trichlorobenzene	19.4		"	50.0	0.00	38.7	10-151		3.74	52	
1,2,4-Trimethylbenzene	34.7		"	50.0	0.00	69.4	10-170		3.22	242	
1,2-Dibromo-3-chloropropane	39.8		"	50.0	0.00	79.6	36-138		2.26	54	
1,2-Dibromoethane	47.8		"	50.0	0.00	95.6	40-142		0.834	39	
1,2-Dichlorobenzene	29.0		"	50.0	0.00	58.0	10-147		5.20	52	
1,2-Dichloroethane	42.9		"	50.0	0.00	85.8	48-133		2.76	32	
1,2-Dichloropropane	52.4		"	50.0	0.00	105	47-141		3.10	37	
1,3,5-Trimethylbenzene	35.1		"	50.0	0.00	70.2	10-150		2.60	62	
1,3-Dichlorobenzene	30.0		"	50.0	0.00	60.0	10-144		3.91	51	
1,3-Dichloropropane	49.1		"	50.0	0.00	98.2	43-142		1.54	36	
1,4-Dichlorobenzene	29.9		"	50.0	0.00	59.7	10-160		4.52	52	
1,4-Dioxane	1460		"	1050	0.00	139	10-191		12.7	196	
2,2-Dichloropropane	41.1		"	50.0	0.00	82.3	38-130		2.09	31	
2-Butanone	49.6		"	50.0	9.95	79.3	10-189		19.0	67	
2-Chlorotoluene	35.2		"	50.0	0.00	70.4	14-144		2.41	49	
2-Hexanone	47.7		"	50.0	0.00	95.4	10-181		19.3	60	
4-Chlorotoluene	35.3		"	50.0	0.00	70.6	15-138		2.26	39	
4-Methyl-2-pentanone	54.8		"	50.0	0.00	110	10-166		8.91	47	
Acetone	67.1		"	50.0	54.1	26.0	10-196		33.1	150	
Acrolein	4.67		"	50.0	0.00	9.34	10-192	Low Bias	6.64	128	
Acrylonitrile	52.2		"	50.0	0.00	104	13-161		4.95	48	
Benzene	43.5		"	50.0	0.00	87.0	43-139		1.89	64	
Bromobenzene	40.7		"	50.0	0.00	81.3	23-142		2.21	44	
Bromochloromethane	46.6		"	50.0	0.00	93.3	38-145		3.43	30	
Bromodichloromethane	47.1		"	50.0	0.00	94.2	38-147		0.656	37	
Bromoform	38.2		"	50.0	0.00	76.4	29-156		0.683	51	
Bromomethane	19.0		"	50.0	0.00	37.9	10-166		1.36	42	
Carbon disulfide	41.5		"	50.0	0.00	83.0	10-131		3.57	36	
Carbon tetrachloride	37.8		"	50.0	0.00	75.6	35-145		0.501	31	
Chlorobenzene	39.0		"	50.0	0.00	78.0	21-154		0.927	32	
Chloroethane	16.3		"	50.0	0.00	32.5	15-160		8.03	40	
Chloroform	42.8		"	50.0	0.00	85.6	47-142		2.17	29	
Chloromethane	38.1		"	50.0	0.00	76.1	10-159		0.759	31	
cis-1,2-Dichloroethylene	43.9		"	50.0	0.00	87.8	42-144		3.14	30	
cis-1,3-Dichloropropylene	44.6		"	50.0	0.00	89.3	18-159		1.18	39	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG40572 - EPA 5035A

Matrix Spike Dup (BG40572-MSD1)		*Source sample: 24G0361-01 (SB-1 (6-12))					Prepared & Analyzed: 07/10/2024				
Cyclohexane	37.3		ug/L	50.0	0.00	74.5	70-130		2.15	30	
Dibromochloromethane	42.4		"	50.0	0.00	84.8	10-179		0.307	41	
Dibromomethane	47.4		"	50.0	0.00	94.9	47-143		2.81	41	
Dichlorodifluoromethane	36.7		"	50.0	0.00	73.4	10-145		5.31	34	
Ethyl Benzene	40.4		"	50.0	0.00	80.8	11-158		0.173	42	
Hexachlorobutadiene	14.7		"	50.0	0.00	29.3	10-158		1.24	45	
Isopropylbenzene	38.5		"	50.0	0.00	76.9	10-162		0.862	57	
Methyl acetate	32.8		"	50.0	0.00	65.7	10-149		14.5	64	
Methyl tert-butyl ether (MTBE)	43.5		"	50.0	0.00	86.9	42-152		2.23	47	
Methyleyclohexane	31.4		"	50.0	0.00	62.9	70-130	Low Bias	2.05	30	
Methylene chloride	50.0		"	50.0	2.09	95.7	28-151		4.18	49	
n-Butylbenzene	24.8		"	50.0	0.00	49.6	10-162		1.91	96	
n-Propylbenzene	35.3		"	50.0	0.00	70.6	10-155		1.20	56	
o-Xylene	39.2		"	50.0	0.00	78.3	10-158		1.21	51	
p- & m- Xylenes	78.7		"	100	0.00	78.7	10-156		0.957	47	
p-Isopropyltoluene	29.2		"	50.0	0.00	58.3	10-147		1.66	60	
sec-Butylbenzene	29.3		"	50.0	0.00	58.6	10-157		1.65	56	
Styrene	37.6		"	50.0	0.00	75.2	13-171		1.45	39	
tert-Butyl alcohol (TBA)	249		"	250	0.00	99.6	34-179		1.33	35	
tert-Butylbenzene	32.5		"	50.0	0.00	65.1	10-160		1.89	79	
Tetrachloroethylene	34.6		"	50.0	0.00	69.3	30-167		1.57	33	
Toluene	44.5		"	50.0	0.00	89.1	21-160		1.56	50	
trans-1,2-Dichloroethylene	44.6		"	50.0	0.00	89.1	29-153		2.74	30	
trans-1,3-Dichloropropylene	41.6		"	50.0	0.00	83.2	18-155		0.192	30	
Trichloroethylene	63.6		"	50.0	0.00	127	24-169		14.5	30	
Trichlorofluoromethane	21.0		"	50.0	0.00	41.9	35-142		2.50	30	
Vinyl acetate	0.00		"	50.0	0.00		10-119	Low Bias		82	
Vinyl Chloride	15.5		"	50.0	0.00	31.0	12-160		6.12	35	
Surrogate: SURR: 1,2-Dichloroethane-d4	47.1		"	50.0		94.2	77-125				
Surrogate: SURR: Toluene-d8	50.7		"	50.0		101	85-120				
Surrogate: SURR: p-Bromofluorobenzene	55.1		"	50.0		110	76-130				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG40409 - EPA 3550C

Blank (BG40409-BLK1)

Prepared: 07/07/2024 Analyzed: 07/08/2024

1,1-Biphenyl	ND	0.0416	mg/kg wet
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"
1,2,4-Trichlorobenzene	ND	0.0416	"
1,2-Dichlorobenzene	ND	0.0416	"
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"
1,3-Dichlorobenzene	ND	0.0416	"
1,4-Dichlorobenzene	ND	0.0416	"
2,3,4,6-Tetrachlorophenol	ND	0.0830	"
2,4,5-Trichlorophenol	ND	0.0416	"
2,4,6-Trichlorophenol	ND	0.0416	"
2,4-Dichlorophenol	ND	0.0416	"
2,4-Dimethylphenol	ND	0.0416	"
2,4-Dinitrophenol	ND	0.0830	"
2,4-Dinitrotoluene	ND	0.0416	"
2,6-Dinitrotoluene	ND	0.0416	"
2-Chloronaphthalene	ND	0.0416	"
2-Chlorophenol	ND	0.0416	"
2-Methylnaphthalene	ND	0.0416	"
2-Methylphenol	ND	0.0416	"
2-Nitroaniline	ND	0.0830	"
2-Nitrophenol	ND	0.0416	"
3- & 4-Methylphenols	ND	0.0416	"
3,3-Dichlorobenzidine	ND	0.0416	"
3-Nitroaniline	ND	0.0830	"
4,6-Dinitro-2-methylphenol	ND	0.0830	"
4-Bromophenyl phenyl ether	ND	0.0416	"
4-Chloro-3-methylphenol	ND	0.0416	"
4-Chloroaniline	ND	0.0416	"
4-Chlorophenyl phenyl ether	ND	0.0416	"
4-Nitroaniline	ND	0.0830	"
4-Nitrophenol	ND	0.0830	"
Acenaphthene	ND	0.0416	"
Acenaphthylene	ND	0.0416	"
Acetophenone	ND	0.0416	"
Aniline	ND	0.166	"
Anthracene	ND	0.0416	"
Atrazine	ND	0.0416	"
Benzaldehyde	ND	0.0416	"
Benzidine	ND	0.166	"
Benzo(a)anthracene	ND	0.0416	"
Benzo(a)pyrene	ND	0.0416	"
Benzo(b)fluoranthene	ND	0.0416	"
Benzo(g,h,i)perylene	ND	0.0416	"
Benzo(k)fluoranthene	ND	0.0416	"
Benzoic acid	ND	0.0416	"
Benzyl alcohol	ND	0.0416	"
Benzyl butyl phthalate	ND	0.0416	"
Bis(2-chloroethoxy)methane	ND	0.0416	"
Bis(2-chloroethyl)ether	ND	0.0416	"
Bis(2-chloroisopropyl)ether	ND	0.0416	"
Bis(2-ethylhexyl)phthalate	ND	0.0416	"



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG40409 - EPA 3550C

Blank (BG40409-BLK1)

Prepared: 07/07/2024 Analyzed: 07/08/2024

Caprolactam	ND	0.0830	mg/kg wet								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Pyridine	ND	0.166	"								
Surrogate: SURR: 2-Fluorophenol	1.45		"	1.66		87.3	20-108				
Surrogate: SURR: Phenol-d6	1.49		"	1.66		89.5	23-114				
Surrogate: SURR: Nitrobenzene-d5	0.748		"	0.831		90.0	22-108				
Surrogate: SURR: 2-Fluorobiphenyl	0.727		"	0.831		87.5	21-113				
Surrogate: SURR: 2,4,6-Tribromophenol	1.68		"	1.66		101	19-110				
Surrogate: SURR: Terphenyl-d14	0.771		"	0.831		92.8	24-116				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG40409 - EPA 3550C											
LCS (BG40409-BS1)						Prepared: 07/07/2024 Analyzed: 07/08/2024					
1,1-Biphenyl	0.699	0.0416	mg/kg wet	0.831		84.1	18-111				
1,2,4,5-Tetrachlorobenzene	0.478	0.0830	"	0.831		57.6	21-131				
1,2,4-Trichlorobenzene	0.460	0.0416	"	0.831		55.4	10-140				
1,2-Dichlorobenzene	0.447	0.0416	"	0.831		53.8	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.559	0.0416	"	0.831		67.3	17-137				
1,3-Dichlorobenzene	0.444	0.0416	"	0.831		53.4	33-110				
1,4-Dichlorobenzene	0.436	0.0416	"	0.831		52.5	32-104				
2,3,4,6-Tetrachlorophenol	0.637	0.0830	"	0.831		76.7	30-130				
2,4,5-Trichlorophenol	0.517	0.0416	"	0.831		62.3	27-118				
2,4,6-Trichlorophenol	0.542	0.0416	"	0.831		65.3	31-120				
2,4-Dichlorophenol	0.504	0.0416	"	0.831		60.6	20-127				
2,4-Dimethylphenol	0.341	0.0416	"	0.831		41.0	14-132				
2,4-Dinitrophenol	ND	0.0830	"	0.831			10-171	Low Bias			
2,4-Dinitrotoluene	0.389	0.0416	"	0.831		46.8	34-131				
2,6-Dinitrotoluene	0.439	0.0416	"	0.831		52.9	31-128				
2-Chloronaphthalene	0.480	0.0416	"	0.831		57.8	31-117				
2-Chlorophenol	0.505	0.0416	"	0.831		60.8	33-113				
2-Methylnaphthalene	0.502	0.0416	"	0.831		60.5	12-138				
2-Methylphenol	0.539	0.0416	"	0.831		64.9	10-136				
2-Nitroaniline	0.585	0.0830	"	0.831		70.5	27-132				
2-Nitrophenol	0.378	0.0416	"	0.831		45.6	17-129				
3- & 4-Methylphenols	0.464	0.0416	"	0.831		55.8	29-103				
3,3-Dichlorobenzidine	0.867	0.0416	"	0.831		104	22-149				
3-Nitroaniline	0.579	0.0830	"	0.831		69.7	20-133				
4,6-Dinitro-2-methylphenol	0.0472	0.0830	"	0.831		5.68	10-143	Low Bias			
4-Bromophenyl phenyl ether	0.483	0.0416	"	0.831		58.2	29-120				
4-Chloro-3-methylphenol	0.568	0.0416	"	0.831		68.4	24-129				
4-Chloroaniline	0.477	0.0416	"	0.831		57.5	10-132				
4-Chlorophenyl phenyl ether	0.466	0.0416	"	0.831		56.2	27-124				
4-Nitroaniline	0.612	0.0830	"	0.831		73.7	16-128				
4-Nitrophenol	0.590	0.0830	"	0.831		71.0	10-141				
Acenaphthene	0.450	0.0416	"	0.831		54.2	30-121				
Acenaphthylene	0.431	0.0416	"	0.831		51.8	30-115				
Acetophenone	0.656	0.0416	"	0.831		79.0	20-112				
Aniline	0.456	0.166	"	0.831		54.9	10-119				
Anthracene	0.459	0.0416	"	0.831		55.3	34-118				
Atrazine	0.626	0.0416	"	0.831		75.4	26-112				
Benzaldehyde	0.652	0.0416	"	0.831		78.5	21-100				
Benzo(a)anthracene	0.496	0.0416	"	0.831		59.8	32-122				
Benzo(a)pyrene	0.469	0.0416	"	0.831		56.4	29-133				
Benzo(b)fluoranthene	0.481	0.0416	"	0.831		57.9	25-133				
Benzo(g,h,i)perylene	0.487	0.0416	"	0.831		58.6	10-143				
Benzo(k)fluoranthene	0.483	0.0416	"	0.831		58.2	25-128				
Benzoic acid	0.374	0.0416	"	0.831		45.1	10-140				
Benzyl alcohol	0.478	0.0416	"	0.831		57.5	30-115				
Benzyl butyl phthalate	0.513	0.0416	"	0.831		61.8	26-126				
Bis(2-chloroethoxy)methane	0.512	0.0416	"	0.831		61.6	19-132				
Bis(2-chloroethyl)ether	0.498	0.0416	"	0.831		60.0	19-125				
Bis(2-chloroisopropyl)ether	0.460	0.0416	"	0.831		55.4	20-135				
Bis(2-ethylhexyl)phthalate	0.504	0.0416	"	0.831		60.7	10-155				
Caprolactam	0.719	0.0830	"	0.831		86.5	10-127				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG40409 - EPA 3550C

LCS (BG40409-BS1)

Prepared: 07/07/2024 Analyzed: 07/08/2024

Carbazole	0.471	0.0416	mg/kg wet	0.831		56.7	35-123				
Chrysene	0.502	0.0416	"	0.831		60.5	32-123				
Dibenzo(a,h)anthracene	0.488	0.0416	"	0.831		58.8	10-136				
Dibenzofuran	0.467	0.0416	"	0.831		56.2	29-121				
Diethyl phthalate	0.466	0.0416	"	0.831		56.1	34-116				
Dimethyl phthalate	0.462	0.0416	"	0.831		55.6	35-124				
Di-n-butyl phthalate	0.487	0.0416	"	0.831		58.7	31-116				
Di-n-octyl phthalate	0.532	0.0416	"	0.831		64.0	26-136				
Fluoranthene	0.455	0.0416	"	0.831		54.8	33-122				
Fluorene	0.469	0.0416	"	0.831		56.5	29-123				
Hexachlorobenzene	0.512	0.0416	"	0.831		61.7	21-124				
Hexachlorobutadiene	0.468	0.0416	"	0.831		56.3	10-149				
Hexachlorocyclopentadiene	0.0422	0.0416	"	0.831		5.08	10-129	Low Bias			
Hexachloroethane	0.346	0.0416	"	0.831		41.6	28-108				
Indeno(1,2,3-cd)pyrene	0.604	0.0416	"	0.831		72.8	10-135				
Isophorone	0.516	0.0416	"	0.831		62.1	20-132				
Naphthalene	0.472	0.0416	"	0.831		56.9	23-124				
Nitrobenzene	0.513	0.0416	"	0.831		61.7	13-132				
N-Nitrosodimethylamine	0.461	0.0416	"	0.831		55.5	11-129				
N-nitroso-di-n-propylamine	0.484	0.0416	"	0.831		58.3	24-119				
N-Nitrosodiphenylamine	0.553	0.0416	"	0.831		66.6	22-152				
Pentachlorophenol	0.533	0.0416	"	0.831		64.1	10-139				
Phenanthrene	0.463	0.0416	"	0.831		55.8	33-123				
Phenol	0.539	0.0416	"	0.831		64.9	23-115				
Pyrene	0.469	0.0416	"	0.831		56.4	24-130				
Pyridine	0.290	0.166	"	0.831		34.9	10-91				
Surrogate: SURR: 2-Fluorophenol	1.17		"	1.66		70.6	20-108				
Surrogate: SURR: Phenol-d6	1.20		"	1.66		72.1	23-114				
Surrogate: SURR: Nitrobenzene-d5	0.613		"	0.831		73.8	22-108				
Surrogate: SURR: 2-Fluorobiphenyl	0.568		"	0.831		68.4	21-113				
Surrogate: SURR: 2,4,6-Tribromophenol	1.28		"	1.66		77.0	19-110				
Surrogate: SURR: Terphenyl-d14	0.575		"	0.831		69.2	24-116				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG40409 - EPA 3550C											
Matrix Spike (BG40409-MS1)		*Source sample: 24G0361-05 (SB-5 (6-12))					Prepared: 07/07/2024 Analyzed: 07/08/2024				
1,1-Biphenyl	0.610	0.0905	mg/kg dry	0.904	ND	67.5	10-130				
1,2,4,5-Tetrachlorobenzene	0.419	0.181	"	0.904	ND	46.3	10-133				
1,2,4-Trichlorobenzene	0.432	0.0905	"	0.904	ND	47.8	10-127				
1,2-Dichlorobenzene	0.400	0.0905	"	0.904	ND	44.2	14-111				
1,2-Diphenylhydrazine (as Azobenzene)	0.473	0.0905	"	0.904	ND	52.3	10-144				
1,3-Dichlorobenzene	0.421	0.0905	"	0.904	ND	46.6	11-111				
1,4-Dichlorobenzene	0.412	0.0905	"	0.904	ND	45.6	10-106				
2,3,4,6-Tetrachlorophenol	0.516	0.181	"	0.904	ND	57.1	30-130				
2,4,5-Trichlorophenol	0.430	0.0905	"	0.904	ND	47.5	10-127				
2,4,6-Trichlorophenol	0.474	0.0905	"	0.904	ND	52.4	10-132				
2,4-Dichlorophenol	0.475	0.0905	"	0.904	ND	52.6	10-128				
2,4-Dimethylphenol	0.320	0.0905	"	0.904	ND	35.4	10-137				
2,4-Dinitrophenol	ND	0.181	"	0.904	ND		10-171	Low Bias			
2,4-Dinitrotoluene	0.293	0.0905	"	0.904	ND	32.4	16-135				
2,6-Dinitrotoluene	0.359	0.0905	"	0.904	ND	39.8	18-131				
2-Chloronaphthalene	0.449	0.0905	"	0.904	ND	49.7	10-129				
2-Chlorophenol	0.478	0.0905	"	0.904	ND	52.9	15-116				
2-Methylnaphthalene	0.448	0.0905	"	0.904	ND	49.6	10-147				
2-Methylphenol	0.480	0.0905	"	0.904	ND	53.1	10-136				
2-Nitroaniline	0.536	0.181	"	0.904	ND	59.3	10-137				
2-Nitrophenol	0.348	0.0905	"	0.904	ND	38.5	10-129				
3- & 4-Methylphenols	0.436	0.0905	"	0.904	ND	48.2	10-123				
3,3-Dichlorobenzidine	0.377	0.0905	"	0.904	ND	41.7	10-155				
3-Nitroaniline	0.471	0.181	"	0.904	ND	52.1	12-133				
4,6-Dinitro-2-methylphenol	ND	0.181	"	0.904	ND		10-155	Low Bias			
4-Bromophenyl phenyl ether	0.421	0.0905	"	0.904	ND	46.6	14-128				
4-Chloro-3-methylphenol	0.533	0.0905	"	0.904	ND	59.0	10-134				
4-Chloroaniline	0.375	0.0905	"	0.904	ND	41.5	10-145				
4-Chlorophenyl phenyl ether	0.431	0.0905	"	0.904	ND	47.7	14-130				
4-Nitroaniline	0.456	0.181	"	0.904	ND	50.5	10-147				
4-Nitrophenol	0.459	0.181	"	0.904	ND	50.8	10-137				
Acenaphthene	0.433	0.0905	"	0.904	ND	47.9	10-146				
Acenaphthylene	0.374	0.0905	"	0.904	ND	41.4	10-134				
Acetophenone	0.622	0.0905	"	0.904	ND	68.8	10-116				
Aniline	0.333	0.362	"	0.904	ND	36.9	10-123				
Anthracene	0.482	0.0905	"	0.904	0.0709	45.4	10-142				
Atrazine	0.573	0.0905	"	0.904	ND	63.4	19-115				
Benzaldehyde	0.599	0.0905	"	0.904	ND	66.2	10-125				
Benzo(a)anthracene	1.04	0.0905	"	0.904	0.577	50.8	10-158				
Benzo(a)pyrene	0.942	0.0905	"	0.904	0.660	31.1	10-180				
Benzo(b)fluoranthene	0.985	0.0905	"	0.904	0.667	35.1	10-200				
Benzo(g,h,i)perylene	0.860	0.0905	"	0.904	0.479	42.2	10-138				
Benzo(k)fluoranthene	0.913	0.0905	"	0.904	0.647	29.4	10-197				
Benzoic acid	0.0528	0.0905	"	0.904	ND	5.84	10-166	Low Bias			
Benzyl alcohol	0.433	0.0905	"	0.904	ND	47.9	12-124				
Benzyl butyl phthalate	0.481	0.0905	"	0.904	0.0485	47.8	10-154				
Bis(2-chloroethoxy)methane	0.445	0.0905	"	0.904	ND	49.3	10-132				
Bis(2-chloroethyl)ether	0.438	0.0905	"	0.904	ND	48.4	10-119				
Bis(2-chloroisopropyl)ether	0.438	0.0905	"	0.904	ND	48.4	10-139				
Bis(2-ethylhexyl)phthalate	0.686	0.0905	"	0.904	0.176	56.4	10-167				
Caprolactam	0.654	0.181	"	0.904	ND	72.4	10-132				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG40409 - EPA 3550C

Matrix Spike (BG40409-MS1)		*Source sample: 24G0361-05 (SB-5 (6-12))					Prepared: 07/07/2024 Analyzed: 07/08/2024				
Carbazole	0.467	0.0905	mg/kg dry	0.904	0.0564	45.4	10-167				
Chrysene	1.09	0.0905	"	0.904	0.756	36.6	10-156				
Dibenzo(a,h)anthracene	0.531	0.0905	"	0.904	0.173	39.6	10-137				
Dibenzofuran	0.425	0.0905	"	0.904	ND	47.0	10-147				
Diethyl phthalate	0.445	0.0905	"	0.904	ND	49.3	20-120				
Dimethyl phthalate	0.395	0.0905	"	0.904	ND	43.7	18-131				
Di-n-butyl phthalate	0.440	0.0905	"	0.904	ND	48.7	10-137				
Di-n-octyl phthalate	0.492	0.0905	"	0.904	ND	54.5	10-180				
Fluoranthene	1.47	0.0905	"	0.904	1.15	35.4	10-160				
Fluorene	0.443	0.0905	"	0.904	ND	49.0	10-157				
Hexachlorobenzene	0.409	0.0905	"	0.904	ND	45.2	10-137				
Hexachlorobutadiene	0.427	0.0905	"	0.904	ND	47.2	10-132				
Hexachlorocyclopentadiene	ND	0.0905	"	0.904	ND		10-106	Low Bias			
Hexachloroethane	0.311	0.0905	"	0.904	ND	34.4	10-110				
Indeno(1,2,3-cd)pyrene	0.942	0.0905	"	0.904	0.513	47.4	10-144				
Isophorone	0.475	0.0905	"	0.904	ND	52.6	10-132				
Naphthalene	0.450	0.0905	"	0.904	ND	49.8	10-141				
Nitrobenzene	0.464	0.0905	"	0.904	ND	51.3	10-131				
N-Nitrosodimethylamine	0.421	0.0905	"	0.904	ND	46.6	10-126				
N-nitroso-di-n-propylamine	0.464	0.0905	"	0.904	ND	51.3	10-125				
N-Nitrosodiphenylamine	0.529	0.0905	"	0.904	ND	58.5	10-177				
Pentachlorophenol	0.384	0.0905	"	0.904	ND	42.5	10-153				
Phenanthrene	0.822	0.0905	"	0.904	0.421	44.3	10-148				
Phenol	0.500	0.0905	"	0.904	ND	55.3	10-126				
Pyrene	1.34	0.0905	"	0.904	1.07	29.9	10-165				
Pyridine	0.230	0.362	"	0.904	ND	25.4	10-83				
Surrogate: SURR: 2-Fluorophenol	1.08		"	1.81		60.0	20-108				
Surrogate: SURR: Phenol-d6	1.15		"	1.81		63.8	23-114				
Surrogate: SURR: Nitrobenzene-d5	0.597		"	0.904		66.1	22-108				
Surrogate: SURR: 2-Fluorobiphenyl	0.542		"	0.904		59.9	21-113				
Surrogate: SURR: 2,4,6-Tribromophenol	1.13		"	1.81		62.5	19-110				
Surrogate: SURR: Terphenyl-d14	0.595		"	0.904		65.8	24-116				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG40409 - EPA 3550C											
Matrix Spike Dup (BG40409-MSD1)		*Source sample: 24G0361-05 (SB-5 (6-12))					Prepared: 07/07/2024 Analyzed: 07/08/2024				
1,1-Biphenyl	0.563	0.0905	mg/kg dry	0.904	ND	62.2	10-130		8.14	30	
1,2,4,5-Tetrachlorobenzene	0.375	0.181	"	0.904	ND	41.5	10-133		10.9	30	
1,2,4-Trichlorobenzene	0.357	0.0905	"	0.904	ND	39.5	10-127		18.9	30	
1,2-Dichlorobenzene	0.353	0.0905	"	0.904	ND	39.0	14-111		12.5	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.416	0.0905	"	0.904	ND	46.0	10-144		12.9	30	
1,3-Dichlorobenzene	0.344	0.0905	"	0.904	ND	38.0	11-111		20.2	30	
1,4-Dichlorobenzene	0.354	0.0905	"	0.904	ND	39.1	10-106		15.3	30	
2,3,4,6-Tetrachlorophenol	0.428	0.181	"	0.904	ND	47.4	30-130		18.7	30	
2,4,5-Trichlorophenol	0.395	0.0905	"	0.904	ND	43.7	10-127		8.42	30	
2,4,6-Trichlorophenol	0.440	0.0905	"	0.904	ND	48.7	10-132		7.28	30	
2,4-Dichlorophenol	0.398	0.0905	"	0.904	ND	44.1	10-128		17.5	30	
2,4-Dimethylphenol	0.279	0.0905	"	0.904	ND	30.9	10-137		13.5	30	
2,4-Dinitrophenol	ND	0.181	"	0.904	ND		10-171	Low Bias		30	
2,4-Dinitrotoluene	0.246	0.0905	"	0.904	ND	27.2	16-135		17.4	30	
2,6-Dinitrotoluene	0.299	0.0905	"	0.904	ND	33.1	18-131		18.2	30	
2-Chloronaphthalene	0.399	0.0905	"	0.904	ND	44.2	10-129		11.8	30	
2-Chlorophenol	0.412	0.0905	"	0.904	ND	45.6	15-116		14.8	30	
2-Methylnaphthalene	0.395	0.0905	"	0.904	ND	43.7	10-147		12.7	30	
2-Methylphenol	0.422	0.0905	"	0.904	ND	46.7	10-136		12.8	30	
2-Nitroaniline	0.507	0.181	"	0.904	ND	56.1	10-137		5.55	30	
2-Nitrophenol	0.261	0.0905	"	0.904	ND	28.9	10-129		28.5	30	
3- & 4-Methylphenols	0.370	0.0905	"	0.904	ND	40.9	10-123		16.5	30	
3,3-Dichlorobenzidine	0.322	0.0905	"	0.904	ND	35.6	10-155		15.7	30	
3-Nitroaniline	0.396	0.181	"	0.904	ND	43.8	12-133		17.2	30	
4,6-Dinitro-2-methylphenol	ND	0.181	"	0.904	ND		10-155	Low Bias		30	
4-Bromophenyl phenyl ether	0.393	0.0905	"	0.904	ND	43.5	14-128		6.75	30	
4-Chloro-3-methylphenol	0.456	0.0905	"	0.904	ND	50.5	10-134		15.5	30	
4-Chloroaniline	0.322	0.0905	"	0.904	ND	35.6	10-145		15.4	30	
4-Chlorophenyl phenyl ether	0.366	0.0905	"	0.904	ND	40.5	14-130		16.3	30	
4-Nitroaniline	0.419	0.181	"	0.904	ND	46.4	10-147		8.42	30	
4-Nitrophenol	0.372	0.181	"	0.904	ND	41.2	10-137		20.9	30	
Acenaphthene	0.379	0.0905	"	0.904	ND	41.9	10-146		13.4	30	
Acenaphthylene	0.361	0.0905	"	0.904	ND	39.9	10-134		3.54	30	
Acetophenone	0.523	0.0905	"	0.904	ND	57.8	10-116		17.3	30	
Aniline	0.300	0.362	"	0.904	ND	33.2	10-123		10.5	30	
Anthracene	0.427	0.0905	"	0.904	0.0709	39.4	10-142		12.1	30	
Atrazine	0.491	0.0905	"	0.904	ND	54.3	19-115		15.5	30	
Benzaldehyde	0.519	0.0905	"	0.904	ND	57.4	10-125		14.4	30	
Benzo(a)anthracene	0.808	0.0905	"	0.904	0.577	25.5	10-158		24.8	30	
Benzo(a)pyrene	0.896	0.0905	"	0.904	0.660	26.1	10-180		4.96	30	
Benzo(b)fluoranthene	0.945	0.0905	"	0.904	0.667	30.7	10-200		4.12	30	
Benzo(g,h,i)perylene	0.741	0.0905	"	0.904	0.479	29.0	10-138		14.8	30	
Benzo(k)fluoranthene	0.837	0.0905	"	0.904	0.647	21.0	10-197		8.68	30	
Benzoic acid	0.0564	0.0905	"	0.904	ND	6.24	10-166	Low Bias	6.62	30	
Benzyl alcohol	0.349	0.0905	"	0.904	ND	38.6	12-124		21.4	30	
Benzyl butyl phthalate	0.456	0.0905	"	0.904	0.0485	45.1	10-154		5.25	30	
Bis(2-chloroethoxy)methane	0.404	0.0905	"	0.904	ND	44.6	10-132		9.88	30	
Bis(2-chloroethyl)ether	0.404	0.0905	"	0.904	ND	44.6	10-119		8.08	30	
Bis(2-chloroisopropyl)ether	0.377	0.0905	"	0.904	ND	41.8	10-139		14.7	30	
Bis(2-ethylhexyl)phthalate	1.01	0.0905	"	0.904	0.176	91.8	10-167		37.8	30	Non-dir.
Caprolactam	0.568	0.181	"	0.904	ND	62.9	10-132		14.1	30	



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG40409 - EPA 3550C

Matrix Spike Dup (BG40409-MSD1)		*Source sample: 24G0361-05 (SB-5 (6-12))					Prepared: 07/07/2024 Analyzed: 07/08/2024				
Carbazole	0.412	0.0905	mg/kg dry	0.904	0.0564	39.4	10-167		12.5	30	
Chrysene	0.947	0.0905	"	0.904	0.756	21.0	10-156		13.9	30	
Dibenzo(a,h)anthracene	0.0868	0.0905	"	0.904	0.173	NR	10-137	Low Bias	144	30	Non-dir.
Dibenzofuran	0.390	0.0905	"	0.904	ND	43.1	10-147		8.70	30	
Diethyl phthalate	0.372	0.0905	"	0.904	ND	41.1	20-120		18.1	30	
Dimethyl phthalate	0.341	0.0905	"	0.904	ND	37.8	18-131		14.5	30	
Di-n-butyl phthalate	0.375	0.0905	"	0.904	ND	41.4	10-137		16.1	30	
Di-n-octyl phthalate	0.432	0.0905	"	0.904	ND	47.8	10-180		13.0	30	
Fluoranthene	1.22	0.0905	"	0.904	1.15	7.20	10-160	Low Bias	18.9	30	
Fluorene	0.401	0.0905	"	0.904	ND	44.3	10-157		9.95	30	
Hexachlorobenzene	0.415	0.0905	"	0.904	ND	45.9	10-137		1.58	30	
Hexachlorobutadiene	0.346	0.0905	"	0.904	ND	38.3	10-132		20.8	30	
Hexachlorocyclopentadiene	ND	0.0905	"	0.904	ND		10-106	Low Bias		30	
Hexachloroethane	0.252	0.0905	"	0.904	ND	27.8	10-110		21.1	30	
Indeno(1,2,3-cd)pyrene	0.871	0.0905	"	0.904	0.513	39.7	10-144		7.74	30	
Isophorone	0.390	0.0905	"	0.904	ND	43.1	10-132		19.7	30	
Naphthalene	0.387	0.0905	"	0.904	ND	42.8	10-141		15.0	30	
Nitrobenzene	0.402	0.0905	"	0.904	ND	44.5	10-131		14.2	30	
N-Nitrosodimethylamine	0.361	0.0905	"	0.904	ND	39.9	10-126		15.4	30	
N-nitroso-di-n-propylamine	0.398	0.0905	"	0.904	ND	44.1	10-125		15.1	30	
N-Nitrosodiphenylamine	0.445	0.0905	"	0.904	ND	49.2	10-177		17.2	30	
Pentachlorophenol	0.341	0.0905	"	0.904	ND	37.7	10-153		12.0	30	
Phenanthrene	0.695	0.0905	"	0.904	0.421	30.3	10-148		16.7	30	
Phenol	0.438	0.0905	"	0.904	ND	48.4	10-126		13.3	30	
Pyrene	1.20	0.0905	"	0.904	1.07	14.3	10-165		11.1	30	
Pyridine	0.224	0.362	"	0.904	ND	24.8	10-83		2.55	30	
Surrogate: SURR: 2-Fluorophenol	0.949		"	1.81		52.5	20-108				
Surrogate: SURR: Phenol-d6	1.01		"	1.81		56.0	23-114				
Surrogate: SURR: Nitrobenzene-d5	0.511		"	0.904		56.5	22-108				
Surrogate: SURR: 2-Fluorobiphenyl	0.491		"	0.904		54.3	21-113				
Surrogate: SURR: 2,4,6-Tribromophenol	1.06		"	1.81		58.6	19-110				
Surrogate: SURR: Terphenyl-d14	0.535		"	0.904		59.2	24-116				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG40484 - EPA 3550C

Blank (BG40484-BLK1)

Prepared: 07/08/2024 Analyzed: 07/09/2024

1,1-Biphenyl	ND	0.0416	mg/kg wet
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"
1,2,4-Trichlorobenzene	ND	0.0416	"
1,2-Dichlorobenzene	ND	0.0416	"
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"
1,3-Dichlorobenzene	ND	0.0416	"
1,4-Dichlorobenzene	ND	0.0416	"
2,3,4,6-Tetrachlorophenol	ND	0.0830	"
2,4,5-Trichlorophenol	ND	0.0416	"
2,4,6-Trichlorophenol	ND	0.0416	"
2,4-Dichlorophenol	ND	0.0416	"
2,4-Dimethylphenol	ND	0.0416	"
2,4-Dinitrophenol	ND	0.0830	"
2,4-Dinitrotoluene	ND	0.0416	"
2,6-Dinitrotoluene	ND	0.0416	"
2-Chloronaphthalene	ND	0.0416	"
2-Chlorophenol	ND	0.0416	"
2-Methylnaphthalene	ND	0.0416	"
2-Methylphenol	ND	0.0416	"
2-Nitroaniline	ND	0.0830	"
2-Nitrophenol	ND	0.0416	"
3- & 4-Methylphenols	ND	0.0416	"
3,3-Dichlorobenzidine	ND	0.0416	"
3-Nitroaniline	ND	0.0830	"
4,6-Dinitro-2-methylphenol	ND	0.0830	"
4-Bromophenyl phenyl ether	ND	0.0416	"
4-Chloro-3-methylphenol	ND	0.0416	"
4-Chloroaniline	ND	0.0416	"
4-Chlorophenyl phenyl ether	ND	0.0416	"
4-Nitroaniline	ND	0.0830	"
4-Nitrophenol	ND	0.0830	"
Acenaphthene	ND	0.0416	"
Acenaphthylene	ND	0.0416	"
Acetophenone	ND	0.0416	"
Aniline	ND	0.166	"
Anthracene	ND	0.0416	"
Atrazine	ND	0.0416	"
Benzaldehyde	ND	0.0416	"
Benzidine	ND	0.166	"
Benzo(a)anthracene	ND	0.0416	"
Benzo(a)pyrene	ND	0.0416	"
Benzo(b)fluoranthene	ND	0.0416	"
Benzo(g,h,i)perylene	ND	0.0416	"
Benzo(k)fluoranthene	ND	0.0416	"
Benzoic acid	ND	0.0416	"
Benzyl alcohol	ND	0.0416	"
Benzyl butyl phthalate	ND	0.0416	"
Bis(2-chloroethoxy)methane	ND	0.0416	"
Bis(2-chloroethyl)ether	ND	0.0416	"
Bis(2-chloroisopropyl)ether	ND	0.0416	"
Bis(2-ethylhexyl)phthalate	ND	0.0416	"



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG40484 - EPA 3550C

Blank (BG40484-BLK1)

Prepared: 07/08/2024 Analyzed: 07/09/2024

Caprolactam	ND	0.0830	mg/kg wet								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Pyridine	ND	0.166	"								
Surrogate: SURR: 2-Fluorophenol	1.52		"	1.66		91.8	20-108				
Surrogate: SURR: Phenol-d6	1.41		"	1.66		84.9	23-114				
Surrogate: SURR: Nitrobenzene-d5	0.659		"	0.831		79.4	22-108				
Surrogate: SURR: 2-Fluorobiphenyl	0.752		"	0.831		90.6	21-113				
Surrogate: SURR: 2,4,6-Tribromophenol	1.68		"	1.66		101	19-110				
Surrogate: SURR: Terphenyl-d14	0.806		"	0.831		97.0	24-116				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG40484 - EPA 3550C											
LCS (BG40484-BS1)						Prepared: 07/08/2024 Analyzed: 07/09/2024					
1,1-Biphenyl	0.776	0.0416	mg/kg wet	0.831		93.4	18-111				
1,2,4,5-Tetrachlorobenzene	0.565	0.0830	"	0.831		68.0	21-131				
1,2,4-Trichlorobenzene	0.619	0.0416	"	0.831		74.5	10-140				
1,2-Dichlorobenzene	0.570	0.0416	"	0.831		68.7	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.470	0.0416	"	0.831		56.6	17-137				
1,3-Dichlorobenzene	0.563	0.0416	"	0.831		67.8	33-110				
1,4-Dichlorobenzene	0.572	0.0416	"	0.831		68.8	32-104				
2,3,4,6-Tetrachlorophenol	0.514	0.0830	"	0.831		61.8	30-130				
2,4,5-Trichlorophenol	0.633	0.0416	"	0.831		76.2	27-118				
2,4,6-Trichlorophenol	0.624	0.0416	"	0.831		75.1	31-120				
2,4-Dichlorophenol	0.689	0.0416	"	0.831		83.0	20-127				
2,4-Dimethylphenol	0.424	0.0416	"	0.831		51.1	14-132				
2,4-Dinitrophenol	0.506	0.0830	"	0.831		61.0	10-171				
2,4-Dinitrotoluene	0.631	0.0416	"	0.831		75.9	34-131				
2,6-Dinitrotoluene	0.655	0.0416	"	0.831		78.9	31-128				
2-Chloronaphthalene	0.582	0.0416	"	0.831		70.0	31-117				
2-Chlorophenol	0.593	0.0416	"	0.831		71.4	33-113				
2-Methylnaphthalene	0.647	0.0416	"	0.831		77.9	12-138				
2-Methylphenol	0.569	0.0416	"	0.831		68.6	10-136				
2-Nitroaniline	0.626	0.0830	"	0.831		75.4	27-132				
2-Nitrophenol	0.628	0.0416	"	0.831		75.6	17-129				
3- & 4-Methylphenols	0.512	0.0416	"	0.831		61.6	29-103				
3,3-Dichlorobenzidine	0.851	0.0416	"	0.831		103	22-149				
3-Nitroaniline	0.558	0.0830	"	0.831		67.2	20-133				
4,6-Dinitro-2-methylphenol	0.539	0.0830	"	0.831		64.9	10-143				
4-Bromophenyl phenyl ether	0.618	0.0416	"	0.831		74.4	29-120				
4-Chloro-3-methylphenol	0.620	0.0416	"	0.831		74.6	24-129				
4-Chloroaniline	0.548	0.0416	"	0.831		65.9	10-132				
4-Chlorophenyl phenyl ether	0.599	0.0416	"	0.831		72.2	27-124				
4-Nitroaniline	0.589	0.0830	"	0.831		71.0	16-128				
4-Nitrophenol	0.442	0.0830	"	0.831		53.2	10-141				
Acenaphthene	0.597	0.0416	"	0.831		71.8	30-121				
Acenaphthylene	0.528	0.0416	"	0.831		63.5	30-115				
Acetophenone	0.663	0.0416	"	0.831		79.8	20-112				
Aniline	0.453	0.166	"	0.831		54.5	10-119				
Anthracene	0.586	0.0416	"	0.831		70.6	34-118				
Atrazine	0.792	0.0416	"	0.831		95.3	26-112				
Benzaldehyde	0.678	0.0416	"	0.831		81.7	21-100				
Benzo(a)anthracene	0.611	0.0416	"	0.831		73.6	32-122				
Benzo(a)pyrene	0.614	0.0416	"	0.831		73.9	29-133				
Benzo(b)fluoranthene	0.620	0.0416	"	0.831		74.6	25-133				
Benzo(g,h,i)perylene	0.602	0.0416	"	0.831		72.5	10-143				
Benzo(k)fluoranthene	0.631	0.0416	"	0.831		76.0	25-128				
Benzoic acid	0.233	0.0416	"	0.831		28.1	10-140				
Benzyl alcohol	0.586	0.0416	"	0.831		70.5	30-115				
Benzyl butyl phthalate	0.545	0.0416	"	0.831		65.6	26-126				
Bis(2-chloroethoxy)methane	0.569	0.0416	"	0.831		68.5	19-132				
Bis(2-chloroethyl)ether	0.565	0.0416	"	0.831		68.0	19-125				
Bis(2-chloroisopropyl)ether	0.421	0.0416	"	0.831		50.6	20-135				
Bis(2-ethylhexyl)phthalate	0.551	0.0416	"	0.831		66.3	10-155				
Caprolactam	0.871	0.0830	"	0.831		105	10-127				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG40484 - EPA 3550C

LCS (BG40484-BS1)

Prepared: 07/08/2024 Analyzed: 07/09/2024

Carbazole	0.614	0.0416	mg/kg wet	0.831		74.0	35-123				
Chrysene	0.595	0.0416	"	0.831		71.6	32-123				
Dibenzo(a,h)anthracene	0.607	0.0416	"	0.831		73.0	10-136				
Dibenzofuran	0.616	0.0416	"	0.831		74.1	29-121				
Diethyl phthalate	0.566	0.0416	"	0.831		68.1	34-116				
Dimethyl phthalate	0.552	0.0416	"	0.831		66.5	35-124				
Di-n-butyl phthalate	0.575	0.0416	"	0.831		69.2	31-116				
Di-n-octyl phthalate	0.568	0.0416	"	0.831		68.4	26-136				
Fluoranthene	0.621	0.0416	"	0.831		74.7	33-122				
Fluorene	0.612	0.0416	"	0.831		73.7	29-123				
Hexachlorobenzene	0.482	0.0416	"	0.831		58.0	21-124				
Hexachlorobutadiene	0.579	0.0416	"	0.831		69.8	10-149				
Hexachlorocyclopentadiene	0.0963	0.0416	"	0.831		11.6	10-129				
Hexachloroethane	0.515	0.0416	"	0.831		62.0	28-108				
Indeno(1,2,3-cd)pyrene	0.622	0.0416	"	0.831		74.9	10-135				
Isophorone	0.552	0.0416	"	0.831		66.5	20-132				
Naphthalene	0.582	0.0416	"	0.831		70.1	23-124				
Nitrobenzene	0.514	0.0416	"	0.831		61.8	13-132				
N-Nitrosodimethylamine	0.476	0.0416	"	0.831		57.3	11-129				
N-nitroso-di-n-propylamine	0.484	0.0416	"	0.831		58.3	24-119				
N-Nitrosodiphenylamine	0.635	0.0416	"	0.831		76.5	22-152				
Pentachlorophenol	0.346	0.0416	"	0.831		41.7	10-139				
Phenanthrene	0.594	0.0416	"	0.831		71.6	33-123				
Phenol	0.643	0.0416	"	0.831		77.4	23-115				
Pyrene	0.564	0.0416	"	0.831		67.9	24-130				
Pyridine	0.283	0.166	"	0.831		34.1	10-91				
Surrogate: SURR: 2-Fluorophenol	1.43		"	1.66		86.1	20-108				
Surrogate: SURR: Phenol-d6	1.37		"	1.66		82.6	23-114				
Surrogate: SURR: Nitrobenzene-d5	0.629		"	0.831		75.8	22-108				
Surrogate: SURR: 2-Fluorobiphenyl	0.690		"	0.831		83.1	21-113				
Surrogate: SURR: 2,4,6-Tribromophenol	1.53		"	1.66		92.3	19-110				
Surrogate: SURR: Terphenyl-d14	0.706		"	0.831		85.0	24-116				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG40484 - EPA 3550C											
Matrix Spike (BG40484-MS1)		*Source sample: 24G0361-01 (SB-1 (6-12))					Prepared: 07/08/2024 Analyzed: 07/09/2024				
1,1-Biphenyl	0.810	0.0907	mg/kg dry	0.906	ND	89.4	10-130				
1,2,4,5-Tetrachlorobenzene	0.597	0.181	"	0.906	ND	65.9	10-133				
1,2,4-Trichlorobenzene	0.664	0.0907	"	0.906	ND	73.3	10-127				
1,2-Dichlorobenzene	0.575	0.0907	"	0.906	ND	63.5	14-111				
1,2-Diphenylhydrazine (as Azobenzene)	0.472	0.0907	"	0.906	ND	52.1	10-144				
1,3-Dichlorobenzene	0.580	0.0907	"	0.906	ND	64.0	11-111				
1,4-Dichlorobenzene	0.583	0.0907	"	0.906	ND	64.3	10-106				
2,3,4,6-Tetrachlorophenol	0.153	0.181	"	0.906	ND	16.9	30-130	Low Bias			
2,4,5-Trichlorophenol	0.546	0.0907	"	0.906	ND	60.2	10-127				
2,4,6-Trichlorophenol	0.347	0.0907	"	0.906	ND	38.3	10-132				
2,4-Dichlorophenol	0.659	0.0907	"	0.906	ND	72.7	10-128				
2,4-Dimethylphenol	0.442	0.0907	"	0.906	ND	48.8	10-137				
2,4-Dinitrophenol	ND	0.181	"	0.906	ND		10-171	Low Bias			
2,4-Dinitrotoluene	0.591	0.0907	"	0.906	ND	65.2	16-135				
2,6-Dinitrotoluene	0.637	0.0907	"	0.906	ND	70.3	18-131				
2-Chloronaphthalene	0.606	0.0907	"	0.906	ND	66.9	10-129				
2-Chlorophenol	0.591	0.0907	"	0.906	ND	65.3	15-116				
2-Methylnaphthalene	0.638	0.0907	"	0.906	ND	70.4	10-147				
2-Methylphenol	0.583	0.0907	"	0.906	ND	64.4	10-136				
2-Nitroaniline	0.620	0.181	"	0.906	ND	68.5	10-137				
2-Nitrophenol	0.598	0.0907	"	0.906	ND	66.0	10-129				
3- & 4-Methylphenols	0.551	0.0907	"	0.906	ND	60.8	10-123				
3,3-Dichlorobenzidine	0.597	0.0907	"	0.906	ND	65.9	10-155				
3-Nitroaniline	0.478	0.181	"	0.906	ND	52.7	12-133				
4,6-Dinitro-2-methylphenol	ND	0.181	"	0.906	ND		10-155	Low Bias			
4-Bromophenyl phenyl ether	0.639	0.0907	"	0.906	ND	70.6	14-128				
4-Chloro-3-methylphenol	0.636	0.0907	"	0.906	ND	70.2	10-134				
4-Chloroaniline	0.486	0.0907	"	0.906	ND	53.6	10-145				
4-Chlorophenyl phenyl ether	0.608	0.0907	"	0.906	ND	67.1	14-130				
4-Nitroaniline	0.522	0.181	"	0.906	ND	57.6	10-147				
4-Nitrophenol	0.212	0.181	"	0.906	ND	23.4	10-137				
Acenaphthene	0.633	0.0907	"	0.906	ND	69.9	10-146				
Acenaphthylene	0.556	0.0907	"	0.906	ND	61.4	10-134				
Acetophenone	0.666	0.0907	"	0.906	ND	73.5	10-116				
Aniline	0.804	0.363	"	0.906	ND	88.8	10-123				
Anthracene	0.649	0.0907	"	0.906	0.0558	65.4	10-142				
Atrazine	0.768	0.0907	"	0.906	ND	84.8	19-115				
Benzaldehyde	0.697	0.0907	"	0.906	ND	77.0	10-125				
Benzo(a)anthracene	0.855	0.0907	"	0.906	0.249	66.9	10-158				
Benzo(a)pyrene	0.797	0.0907	"	0.906	0.262	59.0	10-180				
Benzo(b)fluoranthene	0.893	0.0907	"	0.906	0.317	63.5	10-200				
Benzo(g,h,i)perylene	0.733	0.0907	"	0.906	0.214	57.4	10-138				
Benzo(k)fluoranthene	0.794	0.0907	"	0.906	0.244	60.7	10-197				
Benzoic acid	1.76	0.0907	"	0.906	ND	194	10-166	High Bias			
Benzyl alcohol	0.576	0.0907	"	0.906	ND	63.6	12-124				
Benzyl butyl phthalate	0.604	0.0907	"	0.906	0.0631	59.8	10-154				
Bis(2-chloroethoxy)methane	0.575	0.0907	"	0.906	ND	63.4	10-132				
Bis(2-chloroethyl)ether	1.21	0.0907	"	0.906	ND	133	10-119	High Bias			
Bis(2-chloroisopropyl)ether	0.436	0.0907	"	0.906	ND	48.1	10-139				
Bis(2-ethylhexyl)phthalate	0.611	0.0907	"	0.906	0.0638	60.4	10-167				
Caprolactam	0.806	0.181	"	0.906	ND	89.0	10-132				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG40484 - EPA 3550C

Matrix Spike (BG40484-MS1)		*Source sample: 24G0361-01 (SB-1 (6-12))					Prepared: 07/08/2024 Analyzed: 07/09/2024				
Carbazole	0.647	0.0907	mg/kg dry	0.906	ND	71.4	10-167				
Chrysene	0.890	0.0907	"	0.906	0.312	63.8	10-156				
Dibenzo(a,h)anthracene	0.621	0.0907	"	0.906	0.0674	61.1	10-137				
Dibenzofuran	0.630	0.0907	"	0.906	ND	69.5	10-147				
Diethyl phthalate	0.552	0.0907	"	0.906	ND	61.0	20-120				
Dimethyl phthalate	0.553	0.0907	"	0.906	ND	61.0	18-131				
Di-n-butyl phthalate	0.583	0.0907	"	0.906	ND	64.4	10-137				
Di-n-octyl phthalate	0.570	0.0907	"	0.906	ND	63.0	10-180				
Fluoranthene	1.16	0.0907	"	0.906	0.604	61.2	10-160				
Fluorene	0.637	0.0907	"	0.906	ND	70.3	10-157				
Hexachlorobenzene	0.499	0.0907	"	0.906	ND	55.1	10-137				
Hexachlorobutadiene	0.612	0.0907	"	0.906	ND	67.6	10-132				
Hexachlorocyclopentadiene	0.0507	0.0907	"	0.906	ND	5.60	10-106	Low Bias			
Hexachloroethane	0.518	0.0907	"	0.906	ND	57.2	10-110				
Indeno(1,2,3-cd)pyrene	0.728	0.0907	"	0.906	0.178	60.7	10-144				
Isophorone	0.566	0.0907	"	0.906	ND	62.5	10-132				
Naphthalene	0.618	0.0907	"	0.906	ND	68.2	10-141				
Nitrobenzene	0.536	0.0907	"	0.906	ND	59.1	10-131				
N-Nitrosodimethylamine	0.456	0.0907	"	0.906	ND	50.3	10-126				
N-nitroso-di-n-propylamine	0.495	0.0907	"	0.906	ND	54.6	10-125				
N-Nitrosodiphenylamine	0.654	0.0907	"	0.906	ND	72.2	10-177				
Pentachlorophenol	0.0609	0.0907	"	0.906	ND	6.72	10-153	Low Bias			
Phenanthrene	0.839	0.0907	"	0.906	0.272	62.6	10-148				
Phenol	0.636	0.0907	"	0.906	ND	70.2	10-126				
Pyrene	1.04	0.0907	"	0.906	0.487	60.6	10-165				
Pyridine	0.251	0.363	"	0.906	ND	27.7	10-83				
Surrogate: SURR: 2-Fluorophenol	1.30		"	1.81		71.7	20-108				
Surrogate: SURR: Phenol-d6	1.35		"	1.81		74.4	23-114				
Surrogate: SURR: Nitrobenzene-d5	0.632		"	0.906		69.8	22-108				
Surrogate: SURR: 2-Fluorobiphenyl	0.684		"	0.906		75.5	21-113				
Surrogate: SURR: 2,4,6-Tribromophenol	0.996		"	1.81		55.0	19-110				
Surrogate: SURR: Terphenyl-d14	0.733		"	0.906		81.0	24-116				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG40484 - EPA 3550C											
Matrix Spike Dup (BG40484-MSD1)		*Source sample: 24G0361-01 (SB-1 (6-12))					Prepared: 07/08/2024 Analyzed: 07/09/2024				
1,1-Biphenyl	0.707	0.0907	mg/kg dry	0.906	ND	78.0	10-130		13.7	30	
1,2,4,5-Tetrachlorobenzene	0.522	0.181	"	0.906	ND	57.6	10-133		13.5	30	
1,2,4-Trichlorobenzene	0.567	0.0907	"	0.906	ND	62.6	10-127		15.8	30	
1,2-Dichlorobenzene	0.504	0.0907	"	0.906	ND	55.6	14-111		13.3	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.409	0.0907	"	0.906	ND	45.2	10-144		14.1	30	
1,3-Dichlorobenzene	0.499	0.0907	"	0.906	ND	55.0	11-111		15.1	30	
1,4-Dichlorobenzene	0.508	0.0907	"	0.906	ND	56.1	10-106		13.7	30	
2,3,4,6-Tetrachlorophenol	0.107	0.181	"	0.906	ND	11.8	30-130	Low Bias	35.8	30	Non-dir.
2,4,5-Trichlorophenol	0.426	0.0907	"	0.906	ND	47.0	10-127		24.6	30	
2,4,6-Trichlorophenol	0.265	0.0907	"	0.906	ND	29.3	10-132		26.7	30	
2,4-Dichlorophenol	0.554	0.0907	"	0.906	ND	61.1	10-128		17.3	30	
2,4-Dimethylphenol	0.375	0.0907	"	0.906	ND	41.4	10-137		16.5	30	
2,4-Dinitrophenol	ND	0.181	"	0.906	ND		10-171	Low Bias		30	
2,4-Dinitrotoluene	0.496	0.0907	"	0.906	ND	54.7	16-135		17.5	30	
2,6-Dinitrotoluene	0.528	0.0907	"	0.906	ND	58.3	18-131		18.7	30	
2-Chloronaphthalene	0.528	0.0907	"	0.906	ND	58.2	10-129		13.8	30	
2-Chlorophenol	0.512	0.0907	"	0.906	ND	56.6	15-116		14.3	30	
2-Methylnaphthalene	0.596	0.0907	"	0.906	ND	65.8	10-147		6.82	30	
2-Methylphenol	0.504	0.0907	"	0.906	ND	55.6	10-136		14.7	30	
2-Nitroaniline	0.549	0.181	"	0.906	ND	60.6	10-137		12.3	30	
2-Nitrophenol	0.502	0.0907	"	0.906	ND	55.4	10-129		17.5	30	
3- & 4-Methylphenols	0.467	0.0907	"	0.906	ND	51.6	10-123		16.4	30	
3,3-Dichlorobenzidine	0.562	0.0907	"	0.906	ND	62.1	10-155		6.00	30	
3-Nitroaniline	0.457	0.181	"	0.906	ND	50.4	12-133		4.50	30	
4,6-Dinitro-2-methylphenol	ND	0.181	"	0.906	ND		10-155	Low Bias		30	
4-Bromophenyl phenyl ether	0.541	0.0907	"	0.906	ND	59.7	14-128		16.7	30	
4-Chloro-3-methylphenol	0.559	0.0907	"	0.906	ND	61.7	10-134		12.9	30	
4-Chloroaniline	0.435	0.0907	"	0.906	ND	48.0	10-145		11.0	30	
4-Chlorophenyl phenyl ether	0.541	0.0907	"	0.906	ND	59.7	14-130		11.7	30	
4-Nitroaniline	0.502	0.181	"	0.906	ND	55.4	10-147		3.82	30	
4-Nitrophenol	0.170	0.181	"	0.906	ND	18.7	10-137		22.1	30	
Acenaphthene	0.553	0.0907	"	0.906	ND	61.0	10-146		13.6	30	
Acenaphthylene	0.491	0.0907	"	0.906	ND	54.2	10-134		12.5	30	
Acetophenone	0.581	0.0907	"	0.906	ND	64.1	10-116		13.7	30	
Aniline	0.322	0.363	"	0.906	ND	35.5	10-123		85.7	30	Non-dir.
Anthracene	0.577	0.0907	"	0.906	0.0558	57.5	10-142		11.7	30	
Atrazine	0.652	0.0907	"	0.906	ND	71.9	19-115		16.4	30	
Benzaldehyde	0.594	0.0907	"	0.906	ND	65.6	10-125		15.9	30	
Benzo(a)anthracene	0.797	0.0907	"	0.906	0.249	60.4	10-158		7.11	30	
Benzo(a)pyrene	0.732	0.0907	"	0.906	0.262	51.8	10-180		8.44	30	
Benzo(b)fluoranthene	0.805	0.0907	"	0.906	0.317	53.8	10-200		10.3	30	
Benzo(g,h,i)perylene	0.666	0.0907	"	0.906	0.214	49.9	10-138		9.63	30	
Benzo(k)fluoranthene	0.745	0.0907	"	0.906	0.244	55.3	10-197		6.40	30	
Benzoic acid	1.53	0.0907	"	0.906	ND	169	10-166	High Bias	13.7	30	
Benzyl alcohol	0.494	0.0907	"	0.906	ND	54.5	12-124		15.4	30	
Benzyl butyl phthalate	0.519	0.0907	"	0.906	0.0631	50.3	10-154		15.2	30	
Bis(2-chloroethoxy)methane	0.496	0.0907	"	0.906	ND	54.7	10-132		14.8	30	
Bis(2-chloroethyl)ether	0.573	0.0907	"	0.906	ND	63.3	10-119		71.1	30	Non-dir.
Bis(2-chloroisopropyl)ether	0.370	0.0907	"	0.906	ND	40.8	10-139		16.4	30	
Bis(2-ethylhexyl)phthalate	0.546	0.0907	"	0.906	0.0638	53.2	10-167		11.3	30	
Caprolactam	0.696	0.181	"	0.906	ND	76.8	10-132		14.7	30	



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG40484 - EPA 3550C

Matrix Spike Dup (BG40484-MSD1)		*Source sample: 24G0361-01 (SB-1 (6-12))					Prepared: 07/08/2024 Analyzed: 07/09/2024				
Carbazole	0.581	0.0907	mg/kg dry	0.906	ND	64.2	10-167		10.7	30	
Chrysene	0.813	0.0907	"	0.906	0.312	55.4	10-156		9.02	30	
Dibenzo(a,h)anthracene	0.565	0.0907	"	0.906	0.0674	54.9	10-137		9.54	30	
Dibenzofuran	0.562	0.0907	"	0.906	ND	62.0	10-147		11.4	30	
Diethyl phthalate	0.477	0.0907	"	0.906	ND	52.6	20-120		14.6	30	
Dimethyl phthalate	0.468	0.0907	"	0.906	ND	51.7	18-131		16.6	30	
Di-n-butyl phthalate	0.507	0.0907	"	0.906	ND	55.9	10-137		14.1	30	
Di-n-octyl phthalate	0.508	0.0907	"	0.906	ND	56.1	10-180		11.6	30	
Fluoranthene	1.12	0.0907	"	0.906	0.604	57.0	10-160		3.31	30	
Fluorene	0.561	0.0907	"	0.906	ND	61.9	10-157		12.7	30	
Hexachlorobenzene	0.434	0.0907	"	0.906	ND	47.9	10-137		14.0	30	
Hexachlorobutadiene	0.550	0.0907	"	0.906	ND	60.7	10-132		10.7	30	
Hexachlorocyclopentadiene	ND	0.0907	"	0.906	ND		10-106	Low Bias		30	
Hexachloroethane	0.428	0.0907	"	0.906	ND	47.3	10-110		19.0	30	
Indeno(1,2,3-cd)pyrene	0.668	0.0907	"	0.906	0.178	54.1	10-144		8.61	30	
Isophorone	0.482	0.0907	"	0.906	ND	53.2	10-132		16.0	30	
Naphthalene	0.531	0.0907	"	0.906	ND	58.6	10-141		15.2	30	
Nitrobenzene	0.440	0.0907	"	0.906	ND	48.6	10-131		19.6	30	
N-Nitrosodimethylamine	0.399	0.0907	"	0.906	ND	44.1	10-126		13.2	30	
N-nitroso-di-n-propylamine	0.431	0.0907	"	0.906	ND	47.6	10-125		13.8	30	
N-Nitrosodiphenylamine	0.580	0.0907	"	0.906	ND	64.0	10-177		12.1	30	
Pentachlorophenol	ND	0.0907	"	0.906	ND		10-153	Low Bias		30	
Phenanthrene	0.754	0.0907	"	0.906	0.272	53.3	10-148		10.6	30	
Phenol	0.549	0.0907	"	0.906	ND	60.6	10-126		14.8	30	
Pyrene	0.931	0.0907	"	0.906	0.487	49.0	10-165		10.7	30	
Pyridine	0.225	0.363	"	0.906	ND	24.8	10-83		11.0	30	
Surrogate: SURR: 2-Fluorophenol	1.14		"	1.81		62.9	20-108				
Surrogate: SURR: Phenol-d6	1.21		"	1.81		66.8	23-114				
Surrogate: SURR: Nitrobenzene-d5	0.568		"	0.906		62.7	22-108				
Surrogate: SURR: 2-Fluorobiphenyl	0.628		"	0.906		69.3	21-113				
Surrogate: SURR: 2,4,6-Tribromophenol	0.776		"	1.81		42.8	19-110				
Surrogate: SURR: Terphenyl-d14	0.662		"	0.906		73.0	24-116				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG40536 - EPA 3510C

Blank (BG40536-BLK1)

Prepared: 07/09/2024 Analyzed: 07/10/2024

1,1-Biphenyl	ND	5.00	ug/L
1,2,4,5-Tetrachlorobenzene	ND	5.00	"
1,2,4-Trichlorobenzene	ND	5.00	"
1,2-Dichlorobenzene	ND	5.00	"
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"
1,3-Dichlorobenzene	ND	5.00	"
1,4-Dichlorobenzene	ND	5.00	"
2,3,4,6-Tetrachlorophenol	ND	5.00	"
2,4,5-Trichlorophenol	ND	5.00	"
2,4,6-Trichlorophenol	ND	5.00	"
2,4-Dichlorophenol	ND	5.00	"
2,4-Dimethylphenol	ND	5.00	"
2,4-Dinitrophenol	ND	5.00	"
2,4-Dinitrotoluene	ND	5.00	"
2,6-Dinitrotoluene	ND	5.00	"
2-Chloronaphthalene	ND	5.00	"
2-Chlorophenol	ND	5.00	"
2-Methylnaphthalene	ND	5.00	"
2-Methylphenol	ND	5.00	"
2-Nitroaniline	ND	5.00	"
2-Nitrophenol	ND	5.00	"
3- & 4-Methylphenols	ND	5.00	"
3,3-Dichlorobenzidine	ND	5.00	"
3-Nitroaniline	ND	5.00	"
4,6-Dinitro-2-methylphenol	ND	5.00	"
4-Bromophenyl phenyl ether	ND	5.00	"
4-Chloro-3-methylphenol	ND	5.00	"
4-Chloroaniline	ND	5.00	"
4-Chlorophenyl phenyl ether	ND	5.00	"
4-Nitroaniline	ND	5.00	"
4-Nitrophenol	ND	5.00	"
Acetophenone	ND	5.00	"
Aniline	ND	5.00	"
Benzaldehyde	ND	5.00	"
Benzidine	ND	5.00	"
Benzoic acid	ND	5.00	"
Benzyl alcohol	ND	5.00	"
Benzyl butyl phthalate	ND	5.00	"
Bis(2-chloroethoxy)methane	ND	5.00	"
Bis(2-chloroethyl)ether	ND	5.00	"
Bis(2-chloroisopropyl)ether	ND	5.00	"
Caprolactam	ND	5.00	"
Carbazole	ND	5.00	"
Dibenzofuran	ND	5.00	"
Diethyl phthalate	ND	5.00	"
Dimethyl phthalate	ND	5.00	"
Di-n-butyl phthalate	ND	5.00	"
Di-n-octyl phthalate	ND	5.00	"
Hexachlorocyclopentadiene	ND	10.0	"
Isophorone	ND	5.00	"
N-nitroso-di-n-propylamine	ND	5.00	"



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG40536 - EPA 3510C

Blank (BG40536-BLK1)

Prepared: 07/09/2024 Analyzed: 07/10/2024

N-Nitrosodiphenylamine	ND	5.00	ug/L								
Phenol	ND	5.00	"								
Pyridine	ND	5.00	"								
Surrogate: SURR: 2-Fluorophenol	24.2		"	50.0		48.4	19.7-63.1				
Surrogate: SURR: Phenol-d6	12.7		"	50.0		25.3	10.1-41.7				
Surrogate: SURR: Nitrobenzene-d5	24.7		"	25.0		98.6	50.2-113				
Surrogate: SURR: 2-Fluorobiphenyl	22.4		"	25.0		89.8	39.9-105				
Surrogate: SURR: 2,4,6-Tribromophenol	57.4		"	50.0		115	39.3-151				
Surrogate: SURR: Terphenyl-d14	26.4		"	25.0		106	30.7-106				

Blank (BG40536-BLK2)

Prepared: 07/09/2024 Analyzed: 07/10/2024

Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	0.0600	0.0500	"								
Pyrene	ND	0.0500	"								



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG40536 - EPA 3510C											
LCS (BG40536-BS1)						Prepared: 07/09/2024 Analyzed: 07/10/2024					
1,1-Biphenyl	16.9	5.00	ug/L	25.0		67.7	33-95				
1,2,4,5-Tetrachlorobenzene	12.7	5.00	"	25.0		50.7	26-120				
1,2,4-Trichlorobenzene	13.1	5.00	"	25.0		52.4	20-118				
1,2-Dichlorobenzene	12.0	5.00	"	25.0		48.0	29-111				
1,2-Diphenylhydrazine (as Azobenzene)	18.6	5.00	"	25.0		74.6	16-141				
1,3-Dichlorobenzene	11.4	5.00	"	25.0		45.4	23-117				
1,4-Dichlorobenzene	11.4	5.00	"	25.0		45.4	30-105				
2,3,4,6-Tetrachlorophenol	20.4	5.00	"	25.0		81.6	30-130				
2,4,5-Trichlorophenol	18.2	5.00	"	25.0		72.8	32-114				
2,4,6-Trichlorophenol	18.7	5.00	"	25.0		74.8	35-118				
2,4-Dichlorophenol	18.4	5.00	"	25.0		73.4	25-116				
2,4-Dimethylphenol	17.4	5.00	"	25.0		69.6	15-116				
2,4-Dinitrophenol	18.2	5.00	"	25.0		72.6	10-170				
2,4-Dinitrotoluene	20.2	5.00	"	25.0		80.6	41-128				
2,6-Dinitrotoluene	20.3	5.00	"	25.0		81.2	45-116				
2-Chloronaphthalene	16.0	5.00	"	25.0		64.0	33-112				
2-Chlorophenol	16.5	5.00	"	25.0		65.9	15-120				
2-Methylnaphthalene	16.2	5.00	"	25.0		64.9	24-118				
2-Methylphenol	13.9	5.00	"	25.0		55.5	10-110				
2-Nitroaniline	19.3	5.00	"	25.0		77.2	34-129				
2-Nitrophenol	20.5	5.00	"	25.0		81.9	28-118				
3- & 4-Methylphenols	10.9	5.00	"	25.0		43.7	10-107				
3,3-Dichlorobenzidine	14.2	5.00	"	25.0		56.8	15-187				
3-Nitroaniline	15.1	5.00	"	25.0		60.3	24-134				
4,6-Dinitro-2-methylphenol	23.8	5.00	"	25.0		95.3	10-153				
4-Bromophenyl phenyl ether	18.0	5.00	"	25.0		72.0	34-120				
4-Chloro-3-methylphenol	17.9	5.00	"	25.0		71.5	20-120				
4-Chloroaniline	12.6	5.00	"	25.0		50.5	10-147				
4-Chlorophenyl phenyl ether	16.7	5.00	"	25.0		67.0	27-121				
4-Nitroaniline	16.6	5.00	"	25.0		66.4	13-134				
4-Nitrophenol	6.45	5.00	"	25.0		25.8	10-131				
Acetophenone	18.9	5.00	"	25.0		75.5	25-110				
Aniline	19.0	5.00	"	25.0		76.1	10-117				
Benzaldehyde	18.7	5.00	"	25.0		74.6	29-117				
Benzoic acid	ND	5.00	"	25.0			30-130	Low Bias			
Benzyl alcohol	10.9	5.00	"	25.0		43.7	10-117				
Benzyl butyl phthalate	17.3	5.00	"	25.0		69.0	29-133				
Bis(2-chloroethoxy)methane	18.8	5.00	"	25.0		75.1	10-154				
Bis(2-chloroethyl)ether	27.4	5.00	"	25.0		110	17-125				
Bis(2-chloroisopropyl)ether	18.3	5.00	"	25.0		73.2	10-139				
Caprolactam	3.20	5.00	"	25.0		12.8	10-137				
Carbazole	17.2	5.00	"	25.0		68.6	42-126				
Dibenzofuran	16.8	5.00	"	25.0		67.3	36-113				
Diethyl phthalate	17.7	5.00	"	25.0		71.0	38-115				
Dimethyl phthalate	17.9	5.00	"	25.0		71.5	38-129				
Di-n-butyl phthalate	18.0	5.00	"	25.0		71.8	31-120				
Di-n-octyl phthalate	16.3	5.00	"	25.0		65.2	21-149				
Hexachlorocyclopentadiene	10.9	10.0	"	25.0		43.8	10-130				
Isophorone	19.2	5.00	"	25.0		77.0	25-127				
N-nitroso-di-n-propylamine	17.2	5.00	"	25.0		68.7	26-122				
N-Nitrosodiphenylamine	21.2	5.00	"	25.0		84.9	23-149				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG40536 - EPA 3510C

LCS (BG40536-BS1)

Prepared: 07/09/2024 Analyzed: 07/10/2024

Phenol	5.79	5.00	ug/L	25.0		23.2	10-110				
Pyridine	4.79	5.00	"	35.0		13.7	10-90				
Surrogate: SURR: 2-Fluorophenol	18.3		"	50.0		36.7	19.7-63.1				
Surrogate: SURR: Phenol-d6	10.4		"	50.0		20.7	10.1-41.7				
Surrogate: SURR: Nitrobenzene-d5	18.3		"	25.0		73.2	50.2-113				
Surrogate: SURR: 2-Fluorobiphenyl	16.8		"	25.0		67.1	39.9-105				
Surrogate: SURR: 2,4,6-Tribromophenol	43.1		"	50.0		86.2	39.3-151				
Surrogate: SURR: Terphenyl-d14	18.2		"	25.0		73.0	30.7-106				

LCS (BG40536-BS2)

Prepared: 07/09/2024 Analyzed: 07/10/2024

Acenaphthene	0.770	0.0500	ug/L	1.00		77.0	25-116				
Acenaphthylene	1.08	0.0500	"	1.00		108	26-116				
Anthracene	0.490	0.0500	"	1.00		49.0	25-123				
Benzo(a)anthracene	0.920	0.0500	"	1.00		92.0	33-125				
Benzo(a)pyrene	0.660	0.0500	"	1.00		66.0	32-132				
Benzo(b)fluoranthene	1.07	0.0500	"	1.00		107	22-137				
Benzo(g,h,i)perylene	0.970	0.0500	"	1.00		97.0	10-138				
Benzo(k)fluoranthene	1.05	0.0500	"	1.00		105	20-137				
Bis(2-ethylhexyl)phthalate	1.56	0.500	"	1.00		156	10-189				
Chrysene	0.900	0.0500	"	1.00		90.0	32-124				
Dibenzo(a,h)anthracene	0.930	0.0500	"	1.00		93.0	16-133				
Fluoranthene	1.20	0.0500	"	1.00		120	32-121				
Fluorene	1.01	0.0500	"	1.00		101	28-118				
Hexachlorobenzene	1.19	0.0200	"	1.00		119	23-124				
Hexachlorobutadiene	0.950	0.500	"	1.00		95.0	15-123				
Hexachloroethane	5.25	0.500	"	1.00		525	18-115	High Bias			
Indeno(1,2,3-cd)pyrene	0.860	0.0500	"	1.00		86.0	15-135				
Naphthalene	0.860	0.0500	"	1.00		86.0	18-120				
Nitrobenzene	0.740	0.250	"	1.00		74.0	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	2.07	0.250	"	1.00		207	10-156	High Bias			
Phenanthrene	0.900	0.0500	"	1.00		90.0	24-127				
Pyrene	0.930	0.0500	"	1.00		93.0	31-132				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG40536 - EPA 3510C											
LCS Dup (BG40536-BSD1)						Prepared: 07/09/2024 Analyzed: 07/10/2024					
1,1-Biphenyl	24.9	5.00	ug/L	25.0		99.5	33-95	High Bias	38.0	20	Non-dir.
1,2,4,5-Tetrachlorobenzene	18.8	5.00	"	25.0		75.1	26-120		38.8	20	Non-dir.
1,2,4-Trichlorobenzene	19.4	5.00	"	25.0		77.4	20-118		38.6	20	Non-dir.
1,2-Dichlorobenzene	17.6	5.00	"	25.0		70.3	29-111		37.7	20	Non-dir.
1,2-Diphenylhydrazine (as Azobenzene)	27.0	5.00	"	25.0		108	16-141		36.8	20	Non-dir.
1,3-Dichlorobenzene	16.7	5.00	"	25.0		66.9	23-117		38.3	20	Non-dir.
1,4-Dichlorobenzene	16.7	5.00	"	25.0		66.9	30-105		38.3	20	Non-dir.
2,3,4,6-Tetrachlorophenol	29.5	5.00	"	25.0		118	30-130		36.3	20	Non-dir.
2,4,5-Trichlorophenol	26.7	5.00	"	25.0		107	32-114		38.0	20	Non-dir.
2,4,6-Trichlorophenol	27.2	5.00	"	25.0		109	35-118		37.0	20	Non-dir.
2,4-Dichlorophenol	26.1	5.00	"	25.0		104	25-116		34.8	20	Non-dir.
2,4-Dimethylphenol	25.1	5.00	"	25.0		100	15-116		36.2	20	Non-dir.
2,4-Dinitrophenol	26.8	5.00	"	25.0		107	10-170		38.6	20	Non-dir.
2,4-Dinitrotoluene	29.3	5.00	"	25.0		117	41-128		36.9	20	Non-dir.
2,6-Dinitrotoluene	29.6	5.00	"	25.0		119	45-116	High Bias	37.4	20	Non-dir.
2-Chloronaphthalene	23.6	5.00	"	25.0		94.2	33-112		38.2	20	Non-dir.
2-Chlorophenol	23.5	5.00	"	25.0		93.9	15-120		35.1	20	Non-dir.
2-Methylnaphthalene	23.3	5.00	"	25.0		93.3	24-118		35.9	20	Non-dir.
2-Methylphenol	20.1	5.00	"	25.0		80.5	10-110		36.8	20	Non-dir.
2-Nitroaniline	28.6	5.00	"	25.0		114	34-129		38.9	20	Non-dir.
2-Nitrophenol	29.6	5.00	"	25.0		118	28-118		36.4	20	Non-dir.
3- & 4-Methylphenols	15.7	5.00	"	25.0		62.8	10-107		35.8	20	Non-dir.
3,3-Dichlorobenzidine	21.6	5.00	"	25.0		86.5	15-187		41.5	20	Non-dir.
3-Nitroaniline	23.7	5.00	"	25.0		94.8	24-134		44.5	20	Non-dir.
4,6-Dinitro-2-methylphenol	36.2	5.00	"	25.0		145	10-153		41.3	20	Non-dir.
4-Bromophenyl phenyl ether	26.2	5.00	"	25.0		105	34-120		37.3	20	Non-dir.
4-Chloro-3-methylphenol	25.2	5.00	"	25.0		101	20-120		34.2	20	Non-dir.
4-Chloroaniline	19.8	5.00	"	25.0		79.1	10-147		44.1	20	Non-dir.
4-Chlorophenyl phenyl ether	24.0	5.00	"	25.0		95.8	27-121		35.4	20	Non-dir.
4-Nitroaniline	24.3	5.00	"	25.0		97.1	13-134		37.5	20	Non-dir.
4-Nitrophenol	10.3	5.00	"	25.0		41.1	10-131		45.8	20	Non-dir.
Acetophenone	26.2	5.00	"	25.0		105	25-110		32.6	20	Non-dir.
Aniline	29.4	5.00	"	25.0		118	10-117	High Bias	42.9	20	Non-dir.
Benzaldehyde	25.8	5.00	"	25.0		103	29-117		32.3	20	Non-dir.
Benzoic acid	3.63	5.00	"	25.0		14.5	30-130	Low Bias	45.7	20	Non-dir.
Benzyl alcohol	16.0	5.00	"	25.0		64.2	10-117		38.0	20	Non-dir.
Benzyl butyl phthalate	26.0	5.00	"	25.0		104	29-133		40.6	20	Non-dir.
Bis(2-chloroethoxy)methane	26.2	5.00	"	25.0		105	10-154		33.2	20	Non-dir.
Bis(2-chloroethyl)ether	42.4	5.00	"	25.0		170	17-125	High Bias	42.9	20	Non-dir.
Bis(2-chloroisopropyl)ether	25.6	5.00	"	25.0		102	10-139		33.0	20	Non-dir.
Caprolactam	5.20	5.00	"	25.0		20.8	10-137		47.6	20	Non-dir.
Carbazole	25.2	5.00	"	25.0		101	42-126		37.9	20	Non-dir.
Dibenzofuran	24.4	5.00	"	25.0		97.6	36-113		36.7	20	Non-dir.
Diethyl phthalate	25.7	5.00	"	25.0		103	38-115		36.5	20	Non-dir.
Dimethyl phthalate	25.7	5.00	"	25.0		103	38-129		35.8	20	Non-dir.
Di-n-butyl phthalate	26.6	5.00	"	25.0		106	31-120		38.9	20	Non-dir.
Di-n-octyl phthalate	25.0	5.00	"	25.0		99.8	21-149		42.0	20	Non-dir.
Hexachlorocyclopentadiene	17.0	10.0	"	25.0		68.2	10-130		43.6	20	Non-dir.
Isophorone	27.0	5.00	"	25.0		108	25-127		33.6	20	Non-dir.
N-nitroso-di-n-propylamine	23.9	5.00	"	25.0		95.5	26-122		32.7	20	Non-dir.
N-Nitrosodiphenylamine	30.5	5.00	"	25.0		122	23-149		36.0	20	Non-dir.



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG40536 - EPA 3510C

LCS Dup (BG40536-BSD1)

Prepared: 07/09/2024 Analyzed: 07/10/2024

Phenol	8.63	5.00	ug/L	25.0		34.5	10-110		39.4	20	Non-dir.
Pyridine	4.33	5.00	"	35.0		12.4	10-90		10.1	20	
Surrogate: SURR: 2-Fluorophenol	23.6		"	50.0		47.1	19.7-63.1				
Surrogate: SURR: Phenol-d6	13.5		"	50.0		27.1	10.1-41.7				
Surrogate: SURR: Nitrobenzene-d5	23.0		"	25.0		92.0	50.2-113				
Surrogate: SURR: 2-Fluorobiphenyl	21.2		"	25.0		84.7	39.9-105				
Surrogate: SURR: 2,4,6-Tribromophenol	55.2		"	50.0		110	39.3-151				
Surrogate: SURR: Terphenyl-d14	22.9		"	25.0		91.7	30.7-106				



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

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG40593 - EPA 3050B

Blank (BG40593-BLK1)

Prepared: 07/09/2024 Analyzed: 07/10/2024

Aluminum	ND	4.17	mg/kg wet
Antimony	ND	2.08	"
Arsenic	ND	1.25	"
Barium	ND	2.08	"
Beryllium	ND	0.042	"
Cadmium	ND	0.250	"
Calcium	ND	4.17	"
Chromium	ND	0.417	"
Cobalt	ND	0.333	"
Copper	ND	1.67	"
Iron	ND	20.8	"
Lead	ND	0.417	"
Magnesium	ND	4.17	"
Manganese	ND	0.417	"
Nickel	ND	0.830	"
Potassium	14.6	4.17	"
Selenium	ND	2.08	"
Silver	ND	0.420	"
Sodium	ND	41.7	"
Thallium	ND	2.08	"
Vanadium	ND	0.830	"
Zinc	ND	2.08	"

Duplicate (BG40593-DUP1)

*Source sample: 24G0361-01 (SB-1 (6-12))

Prepared: 07/09/2024 Analyzed: 07/10/2024

Aluminum	7560	4.56	mg/kg dry	7060	6.86	35
Antimony	ND	2.28	"	ND		35
Arsenic	6.48	1.37	"	6.57	1.26	35
Barium	41.0	2.28	"	38.3	6.83	35
Beryllium	ND	0.046	"	ND		35
Cadmium	ND	0.274	"	ND		35
Calcium	40700	4.56	"	42800	5.11	35
Chromium	16.3	0.456	"	17.4	6.39	35
Cobalt	5.60	0.364	"	4.60	19.7	35
Copper	27.5	1.82	"	24.8	10.5	35
Iron	10800	22.8	"	8640	22.6	35
Lead	34.4	0.456	"	37.5	8.42	35
Magnesium	4190	4.56	"	4060	3.10	35
Manganese	147	0.456	"	144	1.95	35
Nickel	8.03	0.908	"	7.72	3.82	35
Potassium	780	4.56	"	692	12.0	35
Selenium	ND	2.28	"	ND		35
Silver	ND	0.460	"	ND		35
Sodium	169	45.6	"	171	1.35	35
Thallium	ND	2.28	"	ND		35
Vanadium	21.9	0.908	"	19.2	13.1	35
Zinc	50.3	2.27	"	52.7	4.66	35



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

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG40593 - EPA 3050B

Matrix Spike (BG40593-MS1)		*Source sample: 24G0361-01 (SB-1 (6-12))					Prepared: 07/09/2024 Analyzed: 07/10/2024				
Aluminum	7490	4.56	mg/kg dry	182	7060	237	75-125	High Bias			
Antimony	7.52	2.28	"	22.8	ND	33.0	75-125	Low Bias			
Arsenic	184	1.37	"	182	6.57	97.5	75-125				
Barium	220	2.28	"	182	38.3	99.5	75-125				
Beryllium	4.51	0.046	"	4.56	ND	98.8	75-125				
Cadmium	4.34	0.274	"	4.56	ND	95.2	75-125				
Calcium	53300	4.56	"	91.2	42800	NR	75-125	High Bias			
Chromium	34.2	0.456	"	18.2	17.4	92.0	75-125				
Cobalt	49.5	0.364	"	45.6	4.60	98.5	75-125				
Copper	51.8	1.82	"	22.8	24.8	119	75-125				
Iron	9660	22.8	"	91.2	8640	NR	75-125	High Bias			
Lead	78.6	0.456	"	45.6	37.5	90.1	75-125				
Magnesium	3660	4.56	"	91.2	4060	NR	75-125	Low Bias			
Manganese	190	0.456	"	45.6	144	100	75-125				
Nickel	51.2	0.908	"	45.6	7.72	95.3	75-125				
Potassium	821	4.56	"	91.2	692	142	75-125	High Bias			
Selenium	178	2.28	"	182	ND	97.7	75-125				
Silver	4.80	0.460	"	4.56	ND	105	75-125				
Sodium	445	45.6	"	91.2	171	300	75-125	High Bias			
Thallium	173	2.28	"	182	ND	95.0	75-125				
Vanadium	67.0	0.908	"	45.6	19.2	105	75-125				
Zinc	92.4	2.27	"	45.6	52.7	87.0	75-125				

Post Spike (BG40593-PS1)		*Source sample: 24G0361-01 (SB-1 (6-12))					Prepared: 07/09/2024 Analyzed: 07/10/2024				
Aluminum	78.3		ug/mL	2.00	77.4	45.6	75-125	Low Bias			
Antimony	0.257		"	0.250	-0.003	103	75-125				
Arsenic	2.03		"	2.00	0.072	97.9	75-125				
Barium	2.39		"	2.00	0.420	98.7	75-125				
Beryllium	0.050		"	0.0500	-0.0001	99.2	75-125				
Cadmium	0.048		"	0.0500	0.002	91.0	75-125				
Calcium	463		"	1.00	469	NR	75-125	Low Bias			
Chromium	0.383		"	0.200	0.191	96.4	75-125				
Cobalt	0.539		"	0.500	0.050	97.8	75-125				
Copper	0.554		"	0.250	0.271	113	75-125				
Iron	94.2		"	1.00	94.7	NR	75-125	Low Bias			
Lead	0.884		"	0.500	0.411	94.7	75-125				
Magnesium	44.9		"	1.00	44.5	39.2	75-125	Low Bias			
Manganese	2.05		"	0.500	1.58	93.7	75-125				
Nickel	0.562		"	0.500	0.085	95.4	75-125				
Potassium	8.41		"	1.00	7.58	83.0	75-125				
Selenium	1.98		"	2.00	0.009	98.4	75-125				
Silver	0.057		"	0.0500	0.0005	112	75-125				
Sodium	4.45		"	1.00	1.88	258	75-125	High Bias			
Thallium	1.92		"	2.00	-0.001	95.8	75-125				
Vanadium	0.716		"	0.500	0.211	101	75-125				
Zinc	1.02		"	0.500	0.578	87.7	75-125				



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

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG40593 - EPA 3050B

Reference (BG40593-SRM1)

Prepared: 07/09/2024 Analyzed: 07/10/2024

Aluminum	6490	4.17	mg/kg wet	7680		84.5	46.7-129.9				
Antimony	71.9	2.08	"	257		28.0	1-100				
Arsenic	295	1.25	"	360		82.0	70.6-102.2				
Barium	282	2.08	"	332		85.0	75-108.1				
Beryllium	162	0.042	"	183		88.3	76.5-108.2				
Cadmium	193	0.250	"	238		81.0	73.5-105				
Calcium	4830	4.17	"	5490		87.9	77.2-110.9				
Chromium	170	0.417	"	199		85.5	73.4-107				
Cobalt	79.4	0.333	"	88.7		89.5	76.6-107.6				
Copper	207	1.67	"	227		91.1	74.9-105.7				
Iron	6410	20.8	"	7360		87.1	51.1-125.8				
Lead	88.2	0.417	"	100		88.2	75.9-110				
Magnesium	1640	4.17	"	1900		86.1	67.4-111.1				
Manganese	504	0.417	"	591		85.3	72.6-107.1				
Nickel	297	0.830	"	342		86.8	75.4-107.6				
Potassium	1300	4.17	"	1500		86.8	66.1-116.7				
Selenium	159	2.08	"	170		93.5	78.2-115.9				
Silver	72.5	0.420	"	88.6		81.8	73.9-112				
Sodium	572	41.7	"	527		109	68.5-115.9				
Thallium	191	2.08	"	226		84.4	73.5-108.4				
Vanadium	99.6	0.830	"	118		84.4	68.1-106.8				
Zinc	154	2.08	"	183		84.0	72.7-109.3				

Batch BG40633 - EPA 3015A

Blank (BG40633-BLK1)

Prepared & Analyzed: 07/10/2024

Aluminum	ND	0.0556	mg/L								
Barium	ND	0.0278	"								
Calcium	ND	0.0556	"								
Chromium	ND	0.00556	"								
Cobalt	ND	0.00444	"								
Copper	ND	0.0222	"								
Iron	ND	0.278	"								
Lead	ND	0.00556	"								
Magnesium	ND	0.0556	"								
Manganese	ND	0.00556	"								
Nickel	ND	0.0111	"								
Potassium	0.0592	0.0556	"								
Silver	ND	0.00556	"								
Sodium	ND	0.556	"								
Vanadium	ND	0.0111	"								
Zinc	ND	0.0278	"								



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

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG40633 - EPA 3015A

LCS (BG40633-BS1)

Prepared & Analyzed: 07/10/2024

Aluminum	2.01		ug/mL	2.00		100	80-120			
Barium	2.07		"	2.00		104	80-120			
Calcium	1.07		"	1.00		107	80-120			
Chromium	0.205		"	0.200		103	80-120			
Cobalt	0.516		"	0.500		103	80-120			
Copper	0.261		"	0.250		104	80-120			
Iron	1.01		"	1.00		101	80-120			
Lead	0.503		"	0.500		101	80-120			
Magnesium	0.992		"	1.00		99.2	80-120			
Manganese	0.516		"	0.500		103	80-120			
Nickel	0.518		"	0.500		104	80-120			
Potassium	1.16		"	1.00		116	80-120			
Silver	0.0493		"	0.0500		98.6	80-120			
Sodium	2.44		"	1.00		244	80-120	High Bias		
Vanadium	0.503		"	0.500		101	80-120			
Zinc	0.497		"	0.500		99.4	80-120			

Duplicate (BG40633-DUP1)

*Source sample: 24G0380-01 (Duplicate)

Prepared & Analyzed: 07/10/2024

Aluminum	ND	0.0556	mg/L		ND					20
Barium	0.0668	0.0278	"		0.0664			0.500		20
Calcium	55.7	0.0556	"		56.3			1.05		20
Chromium	ND	0.00556	"		ND					20
Cobalt	0.0122	0.00444	"		0.0124			1.80		20
Copper	ND	0.0222	"		ND					20
Iron	1.84	0.278	"		1.88			2.00		20
Lead	ND	0.00556	"		ND					20
Magnesium	11.7	0.0556	"		11.8			0.774		20
Manganese	1.00	0.00556	"		0.994			0.624		20
Nickel	ND	0.0111	"		ND					20
Potassium	4.35	0.0556	"		4.28			1.48		20
Silver	ND	0.00556	"		ND					20
Sodium	25.3	0.556	"		25.5			0.742		20
Vanadium	ND	0.0111	"		ND					20
Zinc	ND	0.0278	"		ND					20



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

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG40633 - EPA 3015A

Matrix Spike (BG40633-MS1)		*Source sample: 24G0380-01 (Matrix Spike)					Prepared & Analyzed: 07/10/2024				
Aluminum	2.17	0.0556	mg/L	2.22	ND	97.7	75-125				
Barium	2.29	0.0278	"	2.22	0.0664	100	75-125				
Calcium	56.5	0.0556	"	1.11	56.3	17.3	75-125	Low Bias			
Chromium	0.222	0.00556	"	0.222	ND	100	75-125				
Cobalt	0.568	0.00444	"	0.556	0.0124	100	75-125				
Copper	0.300	0.0222	"	0.278	ND	108	75-125				
Iron	2.93	0.278	"	1.11	1.88	94.5	75-125				
Lead	0.536	0.00556	"	0.556	ND	96.6	75-125				
Magnesium	12.7	0.0556	"	1.11	11.8	80.4	75-125				
Manganese	1.54	0.00556	"	0.556	0.994	98.8	75-125				
Nickel	0.557	0.0111	"	0.556	ND	100	75-125				
Potassium	5.27	0.0556	"	1.11	4.28	88.7	75-125				
Silver	0.0546	0.00556	"	0.0556	ND	98.2	75-125				
Sodium	28.2	0.556	"	1.11	25.5	237	75-125	High Bias			
Vanadium	0.556	0.0111	"	0.556	ND	100	75-125				
Zinc	0.535	0.0278	"	0.556	ND	96.3	75-125				

Post Spike (BG40633-PS1)		*Source sample: 24G0380-01 (Post Spike)					Prepared & Analyzed: 07/10/2024				
Aluminum	2.01		ug/mL	2.00	0.0194	99.7	75-125				
Barium	2.13		"	2.00	0.0598	104	75-125				
Calcium	51.3		"	1.00	50.7	57.5	75-125	Low Bias			
Chromium	0.206		"	0.200	0.00180	102	75-125				
Cobalt	0.527		"	0.500	0.0112	103	75-125				
Copper	0.279		"	0.250	0.00920	108	75-125				
Iron	2.72		"	1.00	1.69	103	75-125				
Lead	0.500		"	0.500	-0.00130	100	75-125				
Magnesium	11.5		"	1.00	10.6	92.1	75-125				
Manganese	1.41		"	0.500	0.895	103	75-125				
Nickel	0.516		"	0.500	0.00640	102	75-125				
Potassium	4.83		"	1.00	3.85	98.1	75-125				
Silver	0.0539		"	0.0500	-0.000100	108	75-125				
Sodium	25.4		"	1.00	23.0	243	75-125	High Bias			
Vanadium	0.517		"	0.500	0.000700	103	75-125				
Zinc	0.498		"	0.500	0.00910	97.8	75-125				



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

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG40662 - EPA 3050B

Blank (BG40662-BLK1)

Prepared: 07/10/2024 Analyzed: 07/11/2024

Aluminum	ND	4.17	mg/kg wet
Antimony	ND	2.08	"
Arsenic	ND	1.25	"
Barium	ND	2.08	"
Beryllium	ND	0.042	"
Cadmium	ND	0.250	"
Calcium	ND	4.17	"
Chromium	ND	0.417	"
Cobalt	ND	0.333	"
Copper	ND	1.67	"
Iron	ND	20.8	"
Lead	ND	0.417	"
Magnesium	ND	4.17	"
Manganese	ND	0.417	"
Nickel	ND	0.830	"
Potassium	ND	4.17	"
Selenium	ND	2.08	"
Silver	ND	0.420	"
Sodium	ND	41.7	"
Thallium	ND	2.08	"
Vanadium	ND	0.830	"
Zinc	ND	2.08	"

Duplicate (BG40662-DUP1)

*Source sample: 24G0467-09 (Duplicate)

Prepared: 07/10/2024 Analyzed: 07/11/2024

Aluminum	9650	4.63	mg/kg dry	9340	3.19	35	
Antimony	ND	2.32	"	ND		35	
Arsenic	3.28	1.39	"	3.55	7.87	35	
Barium	43.0	2.31	"	36.4	16.7	35	
Beryllium	0.315	0.047	"	0.306	2.99	35	
Cadmium	ND	0.278	"	ND		35	
Calcium	1650	4.63	"	3850	79.9	35	Non-dir.
Chromium	19.1	0.464	"	20.4	6.80	35	
Cobalt	5.99	0.370	"	5.76	3.94	35	
Copper	24.7	1.85	"	27.2	9.64	35	
Iron	15500	23.2	"	15300	0.735	35	
Lead	31.7	0.464	"	46.9	38.5	35	Non-dir.
Magnesium	2490	4.64	"	2260	9.75	35	
Manganese	168	0.464	"	194	14.2	35	
Nickel	15.7	0.923	"	15.4	2.09	35	
Potassium	1310	4.64	"	980	29.2	35	
Selenium	ND	2.32	"	ND		35	
Silver	ND	0.467	"	ND		35	
Sodium	525	46.3	"	535	1.98	35	
Thallium	ND	2.32	"	ND		35	
Vanadium	25.3	0.923	"	28.0	9.87	35	
Zinc	30.2	2.31	"	29.8	1.02	35	



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

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG40662 - EPA 3050B

Matrix Spike (BG40662-MS1)		*Source sample: 24G0467-09 (Matrix Spike)					Prepared: 07/10/2024 Analyzed: 07/11/2024				
Aluminum	9580	4.63	mg/kg dry	185	9340	125	75-125				
Antimony	8.13	2.32	"	23.2	ND	35.1	75-125	Low Bias			
Arsenic	179	1.39	"	185	3.55	94.8	75-125				
Barium	225	2.31	"	185	36.4	102	75-125				
Beryllium	4.94	0.047	"	4.63	0.306	100	75-125				
Cadmium	4.56	0.278	"	4.63	ND	98.4	75-125				
Calcium	1690	4.63	"	92.6	3850	NR	75-125	Low Bias			
Chromium	36.1	0.464	"	18.5	20.4	84.8	75-125				
Cobalt	52.5	0.370	"	46.3	5.76	101	75-125				
Copper	44.5	1.85	"	23.2	27.2	74.8	75-125	Low Bias			
Iron	13600	23.2	"	92.6	15300	NR	75-125	Low Bias			
Lead	70.2	0.464	"	46.3	46.9	50.4	75-125	Low Bias			
Magnesium	2020	4.64	"	92.6	2260	NR	75-125	Low Bias			
Manganese	186	0.464	"	46.3	194	NR	75-125	Low Bias			
Nickel	60.8	0.923	"	46.3	15.4	98.1	75-125				
Potassium	1080	4.64	"	92.6	980	112	75-125				
Selenium	180	2.32	"	185	ND	97.2	75-125				
Silver	4.64	0.467	"	4.63	ND	100	75-125				
Sodium	617	46.3	"	92.6	535	88.7	75-125				
Thallium	180	2.32	"	185	ND	96.9	75-125				
Vanadium	70.9	0.923	"	46.3	28.0	92.6	75-125				
Zinc	72.6	2.31	"	46.3	29.8	92.4	75-125				

Post Spike (BG40662-PS1)		*Source sample: 24G0467-09 (Post Spike)					Prepared: 07/10/2024 Analyzed: 07/11/2024				
Aluminum	103		ug/mL	2.00	101	87.8	75-125				
Antimony	0.244		"	0.250	-0.012	97.4	75-125				
Arsenic	1.95		"	2.00	0.038	95.5	75-125				
Barium	2.43		"	2.00	0.393	102	75-125				
Beryllium	0.053		"	0.0500	0.003	99.6	75-125				
Cadmium	0.049		"	0.0500	0.0002	97.6	75-125				
Calcium	42.4		"	1.00	41.6	78.4	75-125				
Chromium	0.424		"	0.200	0.220	102	75-125				
Cobalt	0.571		"	0.500	0.062	102	75-125				
Copper	0.578		"	0.250	0.294	114	75-125				
Iron	167		"	1.00	166	134	75-125	High Bias			
Lead	0.992		"	0.500	0.506	97.2	75-125				
Magnesium	25.3		"	1.00	24.4	95.2	75-125				
Manganese	2.60		"	0.500	2.10	101	75-125				
Nickel	0.676		"	0.500	0.166	102	75-125				
Potassium	11.7		"	1.00	10.6	117	75-125				
Selenium	1.96		"	2.00	0.005	97.5	75-125				
Silver	0.054		"	0.0500	-0.0007	108	75-125				
Sodium	6.91		"	1.00	5.78	114	75-125				
Thallium	1.92		"	2.00	0.005	95.6	75-125				
Vanadium	0.808		"	0.500	0.302	101	75-125				
Zinc	0.806		"	0.500	0.322	96.8	75-125				



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

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG40662 - EPA 3050B

Reference (BG40662-SRM1)

Prepared: 07/10/2024 Analyzed: 07/11/2024

Aluminum	7240	4.17	mg/kg wet	7680		94.2	46.7-129.9			
Antimony	72.8	2.08	"	257		28.3	1-100			
Arsenic	300	1.25	"	360		83.4	70.6-102.2			
Barium	306	2.08	"	332		92.1	75-108.1			
Beryllium	169	0.042	"	183		92.2	76.5-108.2			
Cadmium	205	0.250	"	238		86.3	73.5-105			
Calcium	4990	4.17	"	5490		90.9	77.2-110.9			
Chromium	181	0.417	"	199		91.1	73.4-107			
Cobalt	83.2	0.333	"	88.7		93.8	76.6-107.6			
Copper	227	1.67	"	227		99.9	74.9-105.7			
Iron	6790	20.8	"	7360		92.3	51.1-125.8			
Lead	92.9	0.417	"	100		92.9	75.9-110			
Magnesium	1770	4.17	"	1900		93.0	67.4-111.1			
Manganese	534	0.417	"	591		90.3	72.6-107.1			
Nickel	314	0.830	"	342		91.8	75.4-107.6			
Potassium	1440	4.17	"	1500		96.1	66.1-116.7			
Selenium	163	2.08	"	170		96.2	78.2-115.9			
Silver	82.5	0.420	"	88.6		93.1	73.9-112			
Sodium	457	41.7	"	527		86.7	68.5-115.9			
Thallium	205	2.08	"	226		90.5	73.5-108.4			
Vanadium	105	0.830	"	118		89.2	68.1-106.8			
Zinc	165	2.08	"	183		90.2	72.7-109.3			



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

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG40535 - EPA 3015A

Blank (BG40535-BLK1)

Prepared: 07/09/2024 Analyzed: 07/10/2024

Antimony	ND	1.11	ug/L
Arsenic	ND	1.11	"
Beryllium	ND	0.333	"
Cadmium	ND	0.556	"
Selenium	ND	1.11	"
Thallium	ND	1.11	"

LCS (BG40535-BS1)

Prepared: 07/09/2024 Analyzed: 07/10/2024

Antimony	54.9	ug/L	50.0	110	80-120
Arsenic	50.2	"	50.0	100	80-120
Beryllium	57.3	"	50.0	115	80-120
Cadmium	50.0	"	50.0	100	80-120
Selenium	49.6	"	50.0	99.2	80-120
Thallium	51.9	"	50.0	104	80-120

Duplicate (BG40535-DUP1)

*Source sample: 24G0361-12 (EB-4)

Prepared: 07/09/2024 Analyzed: 07/10/2024

Antimony	ND	1.11	ug/L	ND	20
Arsenic	ND	1.11	"	ND	20
Beryllium	ND	0.333	"	ND	20
Cadmium	ND	0.556	"	ND	20
Selenium	ND	1.11	"	ND	20
Thallium	ND	1.11	"	ND	20

Matrix Spike (BG40535-MS1)

*Source sample: 24G0361-12 (EB-4)

Prepared: 07/09/2024 Analyzed: 07/10/2024

Antimony	56.3	ug/L	50.0	0.037	113	75-125
Arsenic	51.3	"	50.0	0.014	103	75-125
Beryllium	54.9	"	50.0	-0.0004	110	75-125
Cadmium	49.6	"	50.0	0.003	99.3	75-125
Selenium	52.0	"	50.0	-0.168	104	75-125
Thallium	48.0	"	50.0	0.003	96.0	75-125



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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG40589 - EPA 7473 soil											
Blank (BG40589-BLK1)											
						Prepared: 07/09/2024 Analyzed: 07/10/2024					
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BG40589-DUP1)											
*Source sample: 24F1293-01 (Duplicate)						Prepared: 07/09/2024 Analyzed: 07/10/2024					
Mercury	3.22	0.0354	mg/kg dry		1.82				55.7	35	Non-dir.
Matrix Spike (BG40589-MS1)											
*Source sample: 24F1293-01 (Matrix Spike)						Prepared: 07/09/2024 Analyzed: 07/10/2024					
Mercury	1.80		mg/kg	0.500	1.54	51.1	75-125	Low Bias			
Reference (BG40589-SRM1)											
						Prepared: 07/09/2024 Analyzed: 07/10/2024					
Mercury	17.183		mg/kg	18.2		94.4	59.9-140.1				
Batch BG40673 - EPA 7473 soil											
Blank (BG40673-BLK1)											
						Prepared: 07/10/2024 Analyzed: 07/11/2024					
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BG40673-DUP1)											
*Source sample: 24G0361-01 (SB-1 (6-12))						Prepared: 07/10/2024 Analyzed: 07/11/2024					
Mercury	0.0709	0.0328	mg/kg dry		0.0778				9.27	35	
Matrix Spike (BG40673-MS1)											
*Source sample: 24G0361-01 (SB-1 (6-12))						Prepared: 07/10/2024 Analyzed: 07/11/2024					
Mercury	0.600		mg/kg	0.500	0.0711	106	75-125				
Reference (BG40673-SRM1)											
						Prepared: 07/10/2024 Analyzed: 07/11/2024					
Mercury	20.302		mg/kg	18.2		112	0-200				



Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG40423 - % Solids Prep

Duplicate (BG40423-DUP1)		*Source sample: 24G0361-01 (SB-1 (6-12))						Prepared & Analyzed: 07/08/2024			
% Solids	90.3	0.100	%		91.4				1.14	20	

Batch BG40424 - % Solids Prep

Duplicate (BG40424-DUP1)		*Source sample: 24G0365-03 (Duplicate)						Prepared & Analyzed: 07/08/2024			
% Solids	97.8	0.100	%		97.5				0.292	20	



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24G0361-01	SB-1 (6-12)	40mL Vial with Stir Bar-Cool 4° C
24G0361-02	SB-2 (6-12)	40mL Vial with Stir Bar-Cool 4° C
24G0361-03	SB-3 (6-12)	40mL Vial with Stir Bar-Cool 4° C
24G0361-04	SB-4 (6-12)	40mL Vial with Stir Bar-Cool 4° C
24G0361-05	SB-5 (6-12)	40mL Vial with Stir Bar-Cool 4° C
24G0361-06	SB-6 (6-12)	40mL Vial with Stir Bar-Cool 4° C
24G0361-07	SB-7 (6-12)	40mL Vial with Stir Bar-Cool 4° C
24G0361-08	SB-8 (6-12)	40mL Vial with Stir Bar-Cool 4° C
24G0361-09	SB-9 (6-12)	40mL Vial with Stir Bar-Cool 4° C
24G0361-10	SB-10 (6-12)	40mL Vial with Stir Bar-Cool 4° C
24G0361-11	TB-4	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24G0361-12	EB-4	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Sample and Data Qualifiers Relating to This Work Order

S-08	The recovery of this surrogate was outside of QC limits.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
M-SPKM	The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.
M-DUPS	The RPD between the native sample and the duplicate is outside of limits due to sample non-homogeneity
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.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	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).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

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



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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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



YORK
ANALYTICAL LABORATORIES INC.

York Analytical Laboratories, Inc.
120 Research Drive
Stratford, CT 06615
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record

YORK Project No.
2460361

Page **1** of **2**

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.

YOUR INFORMATION			Report To:		Invoice To:		YOUR Project Number		Turn-Around Time	
Company:	DERMOOY CONSULTING		Company:	PETER	Company:	SMK			RUSH - Next Day	
Address:			Address:		Address:				RUSH - Two Day	
Phone:			Phone:		Phone:				RUSH - Three Day	
Contact:			Contact:		Contact:				RUSH - Four Day	
E-mail:			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. Samples Collected by: (print your name above and sign below) <i>Pete - Dermody</i>										
Sample Identification			Matrix Codes	Samples From	Report / EDD Type (circle selections)			YORK Reg. Comp.		
			S - soil / solid	New York	Summary Report	CT RCP	Standard Excel EDD	Compared to the following Regulation(s): (please fill in)		
SB-1 (6-12")			GW - groundwater	New Jersey	QA Report	CT RCP DQA/DUE	(EQUIS/Standard)			
SB-2 (6-12")			DW - drinking water	Connecticut	NY ASP A Package	NJDEP Reduced Deliverables	NY/SDC EQUIS			
SB-3 (6-12")			WW - wastewater	Pennsylvania	NY ASP B Package	NJDEP SRP HazSite				
SB-4 (6-12")			O - Oil ; Other	Other						
SB-5 (6-12")			Sample Matrix	Date/Time Sampled	Analysis Requested			Container Description		
SB-6 (6-12")			S	7/13/24	VOCS, SVOCs, TAL metals			4 Vials, 1 Bag		
SB-7 (6-12")			↓	↓						
SB-8 (6-12")										
SB-9 (6-12")										
SB-10 (6-12")										
Comments:										
Preservation: (check all that apply)										
HCl ___ MeOH ___ HNO ₃ ___ H ₂ SO ₄ ___ NaOH ___ ZnAc ___										
Ascorbic Acid ___ Other: ___										
Samples Relinquished by / Company			Date/Time	Samples Relinquished by / Company			Date/Time	Special Instruction		
<i>Pete - Dermody</i>			7/15/24, 11:30A	<i>Claremont</i>			7/15/24, 12:03	Field Filtered ___ Lab to Filter ___		
Samples Received by / Company			Date/Time	Samples Received by / Company			Date/Time			
<i>Romania Parvan</i>			7/15/24 15:20	<i>Romania Parvan</i>			7/15/24 15:20			
Samples Relinquished by / Company			Date/Time	Samples Received in LAB by			Date/Time	Temp. Received at Lab		
<i>Romania Parvan</i>			7/15/24 20:00	<i>Romania Parvan</i>			7/15/24 20:00	3.6		

Degrees C



Field Chain-of-Custody Record

YORK Project No. 249036

Page 2 of 2

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.

[illegible]



Technical Report

prepared for:

Dermody Consulting, Inc.
32 Chichester Ave., 2nd Floor
Center Moriches NY, 11934
Attention: Peter Dermody

Report Date: 06/25/2024
Client Project ID: Elka
York Project (SDG) No.: 24F1201

Stratford, CT Laboratory IDs:
NY:10854, NJ: CT005, PA: 68-0440, CT: PH-0723



Richmond Hill, NY Laboratory IDs:
NY:12058, NJ: NY037, CT: PH-0721, NH: 2097,
EPA: NY01600

120 RESEARCH DRIVE
www.YORKLAB.com

STRATFORD, CT 06615
(203) 325-1371



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

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 06/25/2024
Client Project ID: Elka
York Project (SDG) No.: 24F1201

Dermody Consulting, Inc.
32 Chichester Ave., 2nd Floor
Center Moriches NY, 11934
Attention: Peter Dermody

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on June 18, 2024 and listed below. The project was identified as your project: **Elka**.

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>
24F1201-01	GW-2	Ground Water	06/16/2024	06/18/2024
24F1201-02	GW-5S	Ground Water	06/16/2024	06/18/2024
24F1201-03	GW-7 (7-12 ft)	Ground Water	06/16/2024	06/18/2024
24F1201-04	GW-7 (15-20 ft)	Ground Water	06/16/2024	06/18/2024
24F1201-05	GW-5A	Ground Water	06/16/2024	06/18/2024
24F1201-06	TB-1	Water	06/16/2024	06/18/2024
24F1201-07	EB-2	Water	06/16/2024	06/18/2024
24F1201-08	EB-3	Water	06/17/2024	06/18/2024
24F1201-09	GW-12 (20-25ft)	Ground Water	06/16/2024	06/18/2024

General Notes for York Project (SDG) No.: 24F1201

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, NJ Cert No. CT005, PA Cert No. 68-04440, CT Cert No. PH-0723; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058, NJ Cert No. NY037, CT Cert No. PH-0721, NH Cert No. 2097, EPA Cert No. NY01600.

Approved By:



Cassie L. Mosher
Laboratory Manager

Date: 06/25/2024





Sample Information

Client Sample ID: GW-2

York Sample ID: 24F1201-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F1201

Elka

Ground Water

June 16, 2024 3:00 pm

06/18/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 01:22	BMC
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 01:22	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 01:22	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 01:22	BMC
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 01:22	BMC
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 01:22	BMC
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 01:22	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 17:00	06/21/2024 01:22	BMC
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 17:00	06/21/2024 01:22	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 17:00	06/21/2024 01:22	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 01:22	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 01:22	BMC
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 01:22	BMC
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 01:22	BMC
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 01:22	BMC
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 01:22	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 01:22	BMC
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 01:22	BMC
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 17:00	06/21/2024 01:22	BMC
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 01:22	BMC
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 17:00	06/21/2024 01:22	BMC
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 01:22	BMC



Sample Information

Client Sample ID: GW-2

York Sample ID: 24F1201-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F1201

Elka

Ground Water

June 16, 2024 3:00 pm

06/18/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 01:22	BMC
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 01:22	BMC
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 01:22	BMC
107-02-8	Acrolein	ND	CCVE, ICVE	ug/L	0.447	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 01:22	BMC
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 01:22	BMC
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 01:22	BMC
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 01:22	BMC
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 01:22	BMC
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 01:22	BMC
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 01:22	BMC
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 01:22	BMC
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 01:22	BMC
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 01:22	BMC
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 01:22	BMC
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 01:22	BMC
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 01:22	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 01:22	BMC
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 01:22	BMC
110-82-7	Cyclohexane	ND	QL-02, ICVE	ug/L	0.491	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 01:22	BMC
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 01:22	BMC
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 01:22	BMC
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 01:22	BMC
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 01:22	BMC



Sample Information

Client Sample ID: GW-2

York Sample ID: 24F1201-01

York Project (SDG) No.

24F1201

Client Project ID

Elka

Matrix

Ground Water

Collection Date/Time

June 16, 2024 3:00 pm

Date Received

06/18/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 01:22	BMC
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 01:22	BMC
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 01:22	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 01:22	BMC
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 01:22	BMC
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 01:22	BMC
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 01:22	BMC
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 01:22	BMC
103-65-1	n-Propylbenzene	0.410	J	ug/L	0.384	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 01:22	BMC
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 01:22	BMC
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 01:22	BMC
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 01:22	BMC
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 01:22	BMC
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 01:22	BMC
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 01:22	BMC
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 01:22	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	ug/L	0.608	1.00	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 01:22	BMC
98-06-6	tert-Butylbenzene	ND	QL-02	ug/L	0.367	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 01:22	BMC
127-18-4	Tetrachloroethylene	0.490	J	ug/L	0.239	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 01:22	BMC
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 01:22	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 01:22	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 01:22	BMC
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 01:22	BMC



Sample Information

Client Sample ID: GW-2

York Sample ID: 24F1201-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F1201

Elka

Ground Water

June 16, 2024 3:00 pm

06/18/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 01:22	BMC
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 01:22	BMC
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 01:22	BMC
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	118 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	101 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	97.2 %	79-122								

Sample Information

Client Sample ID: GW-5S

York Sample ID: 24F1201-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F1201

Elka

Ground Water

June 16, 2024 3:00 pm

06/18/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 01:50	BMC
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 01:50	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 01:50	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 01:50	BMC
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 01:50	BMC
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 01:50	BMC
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 01:50	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/21/2024 01:50	BMC
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/21/2024 01:50	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/21/2024 01:50	BMC



Sample Information

Client Sample ID: GW-5S

York Sample ID: 24F1201-02

York Project (SDG) No.

24F1201

Client Project ID

Elka

Matrix

Ground Water

Collection Date/Time

June 16, 2024 3:00 pm

Date Received

06/18/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	0.310	J	ug/L	0.310	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 01:50	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 01:50	BMC
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 01:50	BMC
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 01:50	BMC
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 01:50	BMC
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 01:50	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 01:50	BMC
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 01:50	BMC
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 17:00	06/21/2024 01:50	BMC
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 01:50	BMC
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 17:00	06/21/2024 01:50	BMC
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 01:50	BMC
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 01:50	BMC
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 01:50	BMC
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 01:50	BMC
107-02-8	Acrolein	ND	CCVE, ICVE	ug/L	0.447	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 01:50	BMC
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 01:50	BMC
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 01:50	BMC
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 17:00	06/21/2024 01:50	BMC
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 01:50	BMC
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 01:50	BMC
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 01:50	BMC
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 01:50	BMC



Sample Information

Client Sample ID: GW-5S

York Sample ID: 24F1201-02

York Project (SDG) No.

24F1201

Client Project ID

Elka

Matrix

Ground Water

Collection Date/Time

June 16, 2024 3:00 pm

Date Received

06/18/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 01:50	BMC
108-90-7	Chlorobenzene	0.340	J	ug/L	0.284	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 01:50	BMC
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 01:50	BMC
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 01:50	BMC
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 01:50	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 01:50	BMC
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 01:50	BMC
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 17:00	06/21/2024 01:50	BMC
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 01:50	BMC
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 17:00	06/21/2024 01:50	BMC
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 17:00	06/21/2024 01:50	BMC
100-41-4	Ethyl Benzene	0.630		ug/L	0.290	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 01:50	BMC
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 17:00	06/21/2024 01:50	BMC
98-82-8	Isopropylbenzene	2.08		ug/L	0.405	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 01:50	BMC
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 17:00	06/21/2024 01:50	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 01:50	BMC
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 17:00	06/21/2024 01:50	BMC
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 01:50	BMC
91-20-3	Naphthalene	0.520	J	ug/L	0.212	2.00	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 17:00	06/21/2024 01:50	BMC
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 01:50	BMC
103-65-1	n-Propylbenzene	2.15		ug/L	0.384	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 01:50	BMC
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	06/20/2024 17:00	06/21/2024 01:50	BMC
179601-23-1	p- & m- Xylenes	2.15		ug/L	0.578	1.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	06/20/2024 17:00	06/21/2024 01:50	BMC



Sample Information

Client Sample ID: GW-5S

York Sample ID: 24F1201-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F1201

Elka

Ground Water

June 16, 2024 3:00 pm

06/18/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-05-5	* p-Diethylbenzene	1.09		ug/L	0.341	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 01:50	BMC
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 01:50	BMC
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 01:50	BMC
135-98-8	sec-Butylbenzene	1.49		ug/L	0.444	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 01:50	BMC
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 01:50	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	ug/L	0.608	1.00	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 01:50	BMC
98-06-6	tert-Butylbenzene	ND	QL-02	ug/L	0.367	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 01:50	BMC
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 01:50	BMC
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 01:50	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 01:50	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 01:50	BMC
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 01:50	BMC
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 01:50	BMC
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 01:50	BMC
1330-20-7	Xylenes, Total	2.29		ug/L	0.839	1.50	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 01:50	BMC
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	122 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	99.9 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	90.6 %	79-122								

Sample Information

Client Sample ID: GW-7 (7-12 ft)

York Sample ID: 24F1201-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F1201

Elka

Ground Water

June 16, 2024 3:00 pm

06/18/2024



Sample Information

Client Sample ID: GW-7 (7-12 ft)

York Sample ID: 24F1201-03

York Project (SDG) No.

24F1201

Client Project ID

Elka

Matrix

Ground Water

Collection Date/Time

June 16, 2024 3:00 pm

Date Received

06/18/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 03:14	BMC
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 03:14	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 03:14	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 03:14	BMC
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 03:14	BMC
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 03:14	BMC
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 03:14	BMC
87-61-6	1,2,3-Trichlorobenzene	0.440	J	ug/L	0.222	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/21/2024 03:14	BMC
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/21/2024 03:14	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/21/2024 03:14	BMC
95-63-6	1,2,4-Trimethylbenzene	0.400	J	ug/L	0.310	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 03:14	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 03:14	BMC
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 03:14	BMC
95-50-1	1,2-Dichlorobenzene	1.20		ug/L	0.270	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 03:14	BMC
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 03:14	BMC
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 03:14	BMC
108-67-8	1,3,5-Trimethylbenzene	0.530		ug/L	0.347	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 03:14	BMC
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 03:14	BMC
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/21/2024 03:14	BMC
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 03:14	BMC
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications:	06/20/2024 17:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/21/2024 03:14	BMC
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 03:14	BMC
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 03:14	BMC



Sample Information

Client Sample ID: GW-7 (7-12 ft)

York Sample ID: 24F1201-03

York Project (SDG) No.

24F1201

Client Project ID

Elka

Matrix

Ground Water

Collection Date/Time

June 16, 2024 3:00 pm

Date Received

06/18/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 03:14	BMC
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 03:14	BMC
107-02-8	Acrolein	ND	CCVE, ICVE	ug/L	0.447	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 03:14	BMC
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 03:14	BMC
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 03:14	BMC
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/21/2024 03:14	BMC
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 03:14	BMC
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 03:14	BMC
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 03:14	BMC
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 03:14	BMC
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 03:14	BMC
108-90-7	Chlorobenzene	2.57		ug/L	0.284	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 03:14	BMC
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 03:14	BMC
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 03:14	BMC
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 03:14	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 03:14	BMC
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 03:14	BMC
110-82-7	Cyclohexane	9.01	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/21/2024 03:14	BMC
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 03:14	BMC
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/21/2024 03:14	BMC
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/21/2024 03:14	BMC
100-41-4	Ethyl Benzene	0.920		ug/L	0.290	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 03:14	BMC
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/21/2024 03:14	BMC



Sample Information

Client Sample ID: GW-7 (7-12 ft)

York Sample ID: 24F1201-03

York Project (SDG) No.

24F1201

Client Project ID

Elka

Matrix

Ground Water

Collection Date/Time

June 16, 2024 3:00 pm

Date Received

06/18/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	147		ug/L	0.405	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 17:00	06/21/2024 03:14	BMC
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 17:00	06/21/2024 03:14	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 17:00	06/21/2024 03:14	BMC
108-87-2	Methyleyclohexane	8.72		ug/L	0.477	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 17:00	06/21/2024 03:14	BMC
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 17:00	06/21/2024 03:14	BMC
91-20-3	Naphthalene	4.06		ug/L	0.212	2.00	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 17:00	06/21/2024 03:14	BMC
104-51-8	n-Butylbenzene	7.23		ug/L	0.399	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 17:00	06/21/2024 03:14	BMC
103-65-1	n-Propylbenzene	240		ug/L	0.768	1.00	2	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/24/2024 10:10	06/24/2024 17:29	BMC
95-47-6	o-Xylene	0.340	J	ug/L	0.261	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04	06/20/2024 17:00	06/21/2024 03:14	BMC
179601-23-1	p- & m- Xylenes	0.670	J	ug/L	0.578	1.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04	06/20/2024 17:00	06/21/2024 03:14	BMC
105-05-5	* p-Diethylbenzene	10.6		ug/L	0.341	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 17:00	06/21/2024 03:14	BMC
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 17:00	06/21/2024 03:14	BMC
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 17:00	06/21/2024 03:14	BMC
135-98-8	sec-Butylbenzene	11.2		ug/L	0.444	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 17:00	06/21/2024 03:14	BMC
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 17:00	06/21/2024 03:14	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	ug/L	0.608	1.00	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 17:00	06/21/2024 03:14	BMC
98-06-6	tert-Butylbenzene	1.85	QL-02	ug/L	0.367	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 17:00	06/21/2024 03:14	BMC
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 17:00	06/21/2024 03:14	BMC
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 17:00	06/21/2024 03:14	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 17:00	06/21/2024 03:14	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 17:00	06/21/2024 03:14	BMC
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 17:00	06/21/2024 03:14	BMC
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 17:00	06/21/2024 03:14	BMC



Sample Information

Client Sample ID: GW-7 (7-12 ft)

York Sample ID: 24F1201-03

York Project (SDG) No.

24F1201

Client Project ID

Elka

Matrix

Ground Water

Collection Date/Time

June 16, 2024 3:00 pm

Date Received

06/18/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 03:14	BMC
1330-20-7	Xylenes, Total	1.01	J	ug/L	0.839	1.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 03:14	BMC
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	113 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	100 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	90.2 %	79-122								

Sample Information

Client Sample ID: GW-7 (15-20 ft)

York Sample ID: 24F1201-04

York Project (SDG) No.

24F1201

Client Project ID

Elka

Matrix

Ground Water

Collection Date/Time

June 16, 2024 3:00 pm

Date Received

06/18/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 03:42	BMC
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 03:42	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 03:42	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 03:42	BMC
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 03:42	BMC
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 03:42	BMC
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 03:42	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 17:00	06/21/2024 03:42	BMC
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 17:00	06/21/2024 03:42	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 17:00	06/21/2024 03:42	BMC
95-63-6	1,2,4-Trimethylbenzene	36.8		ug/L	0.310	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 03:42	BMC



Sample Information

Client Sample ID: GW-7 (15-20 ft)

York Sample ID: 24F1201-04

York Project (SDG) No.

24F1201

Client Project ID

Elka

Matrix

Ground Water

Collection Date/Time

June 16, 2024 3:00 pm

Date Received

06/18/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 03:42	BMC
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 03:42	BMC
95-50-1	1,2-Dichlorobenzene	0.450	J	ug/L	0.270	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 03:42	BMC
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 03:42	BMC
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 03:42	BMC
108-67-8	1,3,5-Trimethylbenzene	9.52		ug/L	0.347	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 03:42	BMC
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 03:42	BMC
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/21/2024 03:42	BMC
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 03:42	BMC
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications:	06/20/2024 17:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/21/2024 03:42	BMC
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 03:42	BMC
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 03:42	BMC
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 03:42	BMC
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 03:42	BMC
107-02-8	Acrolein	ND	CCVE, ICVE	ug/L	0.447	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 03:42	BMC
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 03:42	BMC
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 03:42	BMC
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/21/2024 03:42	BMC
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 03:42	BMC
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 03:42	BMC
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 03:42	BMC
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 03:42	BMC
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 03:42	BMC



Sample Information

Client Sample ID: GW-7 (15-20 ft)

York Sample ID: 24F1201-04

York Project (SDG) No.

24F1201

Client Project ID

Elka

Matrix

Ground Water

Collection Date/Time

June 16, 2024 3:00 pm

Date Received

06/18/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 03:42	BMC
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 03:42	BMC
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 03:42	BMC
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 03:42	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 03:42	BMC
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 03:42	BMC
110-82-7	Cyclohexane	11.3	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 17:00	06/21/2024 03:42	BMC
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 03:42	BMC
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 17:00	06/21/2024 03:42	BMC
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 17:00	06/21/2024 03:42	BMC
100-41-4	Ethyl Benzene	0.710		ug/L	0.290	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 03:42	BMC
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 17:00	06/21/2024 03:42	BMC
98-82-8	Isopropylbenzene	64.8		ug/L	0.405	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 03:42	BMC
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 17:00	06/21/2024 03:42	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 03:42	BMC
108-87-2	Methylcyclohexane	24.3		ug/L	0.477	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 17:00	06/21/2024 03:42	BMC
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 03:42	BMC
91-20-3	Naphthalene	31.8		ug/L	0.212	2.00	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 17:00	06/21/2024 03:42	BMC
104-51-8	n-Butylbenzene	5.91		ug/L	0.399	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 03:42	BMC
103-65-1	n-Propylbenzene	122		ug/L	0.384	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 03:42	BMC
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	06/20/2024 17:00	06/21/2024 03:42	BMC
179601-23-1	p- & m- Xylenes	86.8		ug/L	0.578	1.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	06/20/2024 17:00	06/21/2024 03:42	BMC
105-05-5	* p-Diethylbenzene	7.98		ug/L	0.341	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 03:42	BMC



Sample Information

Client Sample ID: GW-7 (15-20 ft)		York Sample ID: 24F1201-04			
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24F1201	Elka	Ground Water	June 16, 2024 3:00 pm	06/18/2024	

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 03:42	BMC
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 03:42	BMC
135-98-8	sec-Butylbenzene	7.52		ug/L	0.444	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 03:42	BMC
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 03:42	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	ug/L	0.608	1.00	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 03:42	BMC
98-06-6	tert-Butylbenzene	1.05	QL-02	ug/L	0.367	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 03:42	BMC
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 03:42	BMC
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 03:42	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 03:42	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 03:42	BMC
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 03:42	BMC
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 03:42	BMC
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 03:42	BMC
1330-20-7	Xylenes, Total	87.1		ug/L	0.839	1.50	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 03:42	BMC
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	105 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	103 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	89.7 %	79-122								

Sample Information

Client Sample ID: GW-5A		York Sample ID: 24F1201-05			
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24F1201	Elka	Ground Water	June 16, 2024 3:00 pm	06/18/2024	

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GW-5A

York Sample ID: 24F1201-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F1201

Elka

Ground Water

June 16, 2024 3:00 pm

06/18/2024

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 04:09	BMC
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 04:09	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 04:09	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 04:09	BMC
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 04:09	BMC
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 04:09	BMC
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 04:09	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/21/2024 04:09	BMC
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/21/2024 04:09	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/21/2024 04:09	BMC
95-63-6	1,2,4-Trimethylbenzene	0.430	J	ug/L	0.310	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 04:09	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 04:09	BMC
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 04:09	BMC
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 04:09	BMC
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 04:09	BMC
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 04:09	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 04:09	BMC
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 04:09	BMC
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/21/2024 04:09	BMC
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 04:09	BMC
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications:	06/20/2024 17:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/21/2024 04:09	BMC
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 04:09	BMC
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 04:09	BMC
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 04:09	BMC



Sample Information

Client Sample ID: GW-5A

York Sample ID: 24F1201-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F1201

Elka

Ground Water

June 16, 2024 3:00 pm

06/18/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 04:09	BMC
107-02-8	Acrolein	ND	CCVE, ICVE	ug/L	0.447	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 04:09	BMC
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 04:09	BMC
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 04:09	BMC
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 04:09	BMC
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 04:09	BMC
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 04:09	BMC
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 04:09	BMC
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 04:09	BMC
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 04:09	BMC
108-90-7	Chlorobenzene	0.380	J	ug/L	0.284	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 04:09	BMC
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 04:09	BMC
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 04:09	BMC
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 04:09	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 04:09	BMC
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 04:09	BMC
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 04:09	BMC
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 04:09	BMC
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 04:09	BMC
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 04:09	BMC
100-41-4	Ethyl Benzene	0.650		ug/L	0.290	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 04:09	BMC
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 04:09	BMC
98-82-8	Isopropylbenzene	2.89		ug/L	0.405	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 04:09	BMC



Sample Information

Client Sample ID: GW-5A

York Sample ID: 24F1201-05

York Project (SDG) No.

24F1201

Client Project ID

Elka

Matrix

Ground Water

Collection Date/Time

June 16, 2024 3:00 pm

Date Received

06/18/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 04:09	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 04:09	BMC
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 04:09	BMC
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 04:09	BMC
91-20-3	Naphthalene	2.37		ug/L	0.212	2.00	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 04:09	BMC
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 04:09	BMC
103-65-1	n-Propylbenzene	3.63		ug/L	0.384	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 04:09	BMC
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 04:09	BMC
179601-23-1	p- & m- Xylenes	2.67		ug/L	0.578	1.00	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 04:09	BMC
105-05-5	* p-Diethylbenzene	1.41		ug/L	0.341	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 04:09	BMC
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 04:09	BMC
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 04:09	BMC
135-98-8	sec-Butylbenzene	1.80		ug/L	0.444	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 04:09	BMC
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 04:09	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	ug/L	0.608	1.00	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 04:09	BMC
98-06-6	tert-Butylbenzene	ND	QL-02	ug/L	0.367	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 04:09	BMC
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 04:09	BMC
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 04:09	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 04:09	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 04:09	BMC
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 04:09	BMC
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 04:09	BMC
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 04:09	BMC



Sample Information

Client Sample ID: GW-5A

York Sample ID: 24F1201-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F1201

Elka

Ground Water

June 16, 2024 3:00 pm

06/18/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Xylenes, Total	2.67		ug/L	0.839	1.50	1	EPA 8260D Certifications: CTDH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	06/20/2024 17:00	06/21/2024 04:09	BMC
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	100 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	102 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	89.5 %	79-122								

Sample Information

Client Sample ID: TB-1

York Sample ID: 24F1201-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F1201

Elka

Water

June 16, 2024 3:00 pm

06/18/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D Certifications: CTDH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:09	06/20/2024 20:51	BMC
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications: CTDH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:09	06/20/2024 20:51	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications: CTDH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:09	06/20/2024 20:51	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications: CTDH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:09	06/20/2024 20:51	BMC
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications: CTDH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:09	06/20/2024 20:51	BMC
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications: CTDH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:09	06/20/2024 20:51	BMC
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications: CTDH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:09	06/20/2024 20:51	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 09:09	06/20/2024 20:51	BMC
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 09:09	06/20/2024 20:51	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 09:09	06/20/2024 20:51	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications: CTDH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:09	06/20/2024 20:51	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications: CTDH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:09	06/20/2024 20:51	BMC



Sample Information

Client Sample ID: TB-1

York Sample ID: 24F1201-06

York Project (SDG) No.

24F1201

Client Project ID

Elka

Matrix

Water

Collection Date/Time

June 16, 2024 3:00 pm

Date Received

06/18/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	06/20/2024 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 20:51	BMC
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	06/20/2024 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 20:51	BMC
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	06/20/2024 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 20:51	BMC
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	06/20/2024 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 20:51	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	06/20/2024 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 20:51	BMC
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	06/20/2024 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 20:51	BMC
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications:	06/20/2024 09:09 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 20:51	BMC
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	06/20/2024 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 20:51	BMC
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications:	06/20/2024 09:09 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 20:51	BMC
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	06/20/2024 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 20:51	BMC
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	06/20/2024 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 20:51	BMC
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	06/20/2024 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 20:51	BMC
67-64-1	Acetone	1.93	J	ug/L	1.34	2.00	1	EPA 8260D Certifications:	06/20/2024 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 20:51	BMC
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D Certifications:	06/20/2024 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 20:51	BMC
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	06/20/2024 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 20:51	BMC
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	06/20/2024 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 20:51	BMC
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	06/20/2024 09:09 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 20:51	BMC
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications:	06/20/2024 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 20:51	BMC
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	06/20/2024 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 20:51	BMC
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D Certifications:	06/20/2024 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 20:51	BMC
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	06/20/2024 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 20:51	BMC
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	06/20/2024 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 20:51	BMC
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	06/20/2024 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 20:51	BMC



Sample Information

Client Sample ID: TB-1

York Sample ID: 24F1201-06

York Project (SDG) No.

24F1201

Client Project ID

Elka

Matrix

Water

Collection Date/Time

June 16, 2024 3:00 pm

Date Received

06/18/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND	CCVE	ug/L	0.448	0.500	1	EPA 8260D Certifications:	06/20/2024 09:09	06/20/2024 20:51	BMC
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications:	06/20/2024 09:09	06/20/2024 20:51	BMC
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D Certifications:	06/20/2024 09:09	06/20/2024 20:51	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications:	06/20/2024 09:09	06/20/2024 20:51	BMC
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	06/20/2024 09:09	06/20/2024 20:51	BMC
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D Certifications:	06/20/2024 09:09	06/20/2024 20:51	BMC
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	06/20/2024 09:09	06/20/2024 20:51	BMC
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	06/20/2024 09:09	06/20/2024 20:51	BMC
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260D Certifications:	06/20/2024 09:09	06/20/2024 20:51	BMC
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	06/20/2024 09:09	06/20/2024 20:51	BMC
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications:	06/20/2024 09:09	06/20/2024 20:51	BMC
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	06/20/2024 09:09	06/20/2024 20:51	BMC
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	06/20/2024 09:09	06/20/2024 20:51	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	06/20/2024 09:09	06/20/2024 20:51	BMC
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	06/20/2024 09:09	06/20/2024 20:51	BMC
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications:	06/20/2024 09:09	06/20/2024 20:51	BMC
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D Certifications:	06/20/2024 09:09	06/20/2024 20:51	BMC
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	06/20/2024 09:09	06/20/2024 20:51	BMC
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	06/20/2024 09:09	06/20/2024 20:51	BMC
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	06/20/2024 09:09	06/20/2024 20:51	BMC
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	06/20/2024 09:09	06/20/2024 20:51	BMC
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D Certifications:	06/20/2024 09:09	06/20/2024 20:51	BMC
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications:	06/20/2024 09:09	06/20/2024 20:51	BMC



Sample Information

Client Sample ID: TB-1		York Sample ID: 24F1201-06			
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24F1201	Elka	Water	June 16, 2024 3:00 pm	06/18/2024	

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:09	06/20/2024 20:51	BMC
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:09	06/20/2024 20:51	BMC
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:09	06/20/2024 20:51	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 09:09	06/20/2024 20:51	BMC
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:09	06/20/2024 20:51	BMC
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:09	06/20/2024 20:51	BMC
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:09	06/20/2024 20:51	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:09	06/20/2024 20:51	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:09	06/20/2024 20:51	BMC
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:09	06/20/2024 20:51	BMC
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:09	06/20/2024 20:51	BMC
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:09	06/20/2024 20:51	BMC
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:09	06/20/2024 20:51	BMC
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	120 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	98.9 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	96.9 %	79-122								

Sample Information

Client Sample ID: EB-2		York Sample ID: 24F1201-07			
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24F1201	Elka	Water	June 16, 2024 3:00 pm	06/18/2024	

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

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



Sample Information

Client Sample ID: EB-2

York Sample ID: 24F1201-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F1201

Elka

Water

June 16, 2024 3:00 pm

06/18/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 04:37	BMC
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 04:37	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 04:37	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 04:37	BMC
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 04:37	BMC
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 04:37	BMC
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 04:37	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/21/2024 04:37	BMC
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/21/2024 04:37	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/21/2024 04:37	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 04:37	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 04:37	BMC
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 04:37	BMC
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 04:37	BMC
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 04:37	BMC
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 04:37	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 04:37	BMC
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 04:37	BMC
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/21/2024 04:37	BMC
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 04:37	BMC
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications:	06/20/2024 17:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/21/2024 04:37	BMC
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 04:37	BMC
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 04:37	BMC



Sample Information

Client Sample ID: EB-2

York Sample ID: 24F1201-07

York Project (SDG) No.

24F1201

Client Project ID

Elka

Matrix

Water

Collection Date/Time

June 16, 2024 3:00 pm

Date Received

06/18/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 04:37	BMC
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 04:37	BMC
107-02-8	Acrolein	ND	CCVE, ICVE	ug/L	0.447	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 04:37	BMC
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 04:37	BMC
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 04:37	BMC
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/21/2024 04:37	BMC
75-27-4	Bromodichloromethane	0.540		ug/L	0.245	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 04:37	BMC
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 04:37	BMC
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 04:37	BMC
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 04:37	BMC
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 04:37	BMC
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 04:37	BMC
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 04:37	BMC
67-66-3	Chloroform	5.42		ug/L	0.243	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 04:37	BMC
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 04:37	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 04:37	BMC
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 04:37	BMC
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/21/2024 04:37	BMC
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 04:37	BMC
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/21/2024 04:37	BMC
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/21/2024 04:37	BMC
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 04:37	BMC
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/21/2024 04:37	BMC



Sample Information

Client Sample ID: EB-2

York Sample ID: 24F1201-07

York Project (SDG) No.

24F1201

Client Project ID

Elka

Matrix

Water

Collection Date/Time

June 16, 2024 3:00 pm

Date Received

06/18/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 04:37	BMC
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 04:37	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 04:37	BMC
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 04:37	BMC
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 04:37	BMC
91-20-3	Naphthalene	0.350	J	ug/L	0.212	2.00	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 04:37	BMC
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 04:37	BMC
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 04:37	BMC
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 04:37	BMC
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 04:37	BMC
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 04:37	BMC
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 04:37	BMC
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 04:37	BMC
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 04:37	BMC
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 04:37	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	ug/L	0.608	1.00	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 04:37	BMC
98-06-6	tert-Butylbenzene	ND	QL-02	ug/L	0.367	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 04:37	BMC
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 04:37	BMC
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 04:37	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 04:37	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 04:37	BMC
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 04:37	BMC
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 04:37	BMC



Sample Information

Client Sample ID: EB-2

York Sample ID: 24F1201-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F1201

Elka

Water

June 16, 2024 3:00 pm

06/18/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 04:37	BMC
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 04:37	BMC
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	99.3 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	101 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	96.0 %	79-122								

Sample Information

Client Sample ID: EB-3

York Sample ID: 24F1201-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F1201

Elka

Water

June 17, 2024 3:00 pm

06/18/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 05:04	BMC
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 05:04	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 05:04	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 05:04	BMC
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 05:04	BMC
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 05:04	BMC
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 05:04	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/21/2024 05:04	BMC
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/21/2024 05:04	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/21/2024 05:04	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 05:04	BMC



Sample Information

Client Sample ID: EB-3

York Sample ID: 24F1201-08

York Project (SDG) No.

24F1201

Client Project ID

Elka

Matrix

Water

Collection Date/Time

June 17, 2024 3:00 pm

Date Received

06/18/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 05:04	BMC
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 05:04	BMC
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 05:04	BMC
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 05:04	BMC
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 05:04	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 05:04	BMC
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 05:04	BMC
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 05:04	BMC
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 05:04	BMC
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 05:04	BMC
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 05:04	BMC
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 05:04	BMC
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 05:04	BMC
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 05:04	BMC
107-02-8	Acrolein	ND	CCVE, ICVE	ug/L	0.447	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 05:04	BMC
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 05:04	BMC
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 05:04	BMC
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 05:04	BMC
75-27-4	Bromodichloromethane	0.290	J	ug/L	0.245	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 05:04	BMC
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 05:04	BMC
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 05:04	BMC
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 05:04	BMC
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 05:04	BMC



Sample Information

Client Sample ID: EB-3

York Sample ID: 24F1201-08

York Project (SDG) No.

24F1201

Client Project ID

Elka

Matrix

Water

Collection Date/Time

June 17, 2024 3:00 pm

Date Received

06/18/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 05:04	BMC
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 05:04	BMC
67-66-3	Chloroform	2.98		ug/L	0.243	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 05:04	BMC
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 05:04	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 05:04	BMC
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 05:04	BMC
110-82-7	Cyclohexane	ND	QL-02, ICVE	ug/L	0.491	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 05:04	BMC
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 05:04	BMC
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 05:04	BMC
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 05:04	BMC
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 05:04	BMC
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 05:04	BMC
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 05:04	BMC
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 05:04	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 05:04	BMC
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 05:04	BMC
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 05:04	BMC
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 05:04	BMC
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 05:04	BMC
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 05:04	BMC
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 05:04	BMC
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 05:04	BMC
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 05:04	BMC



Sample Information

Client Sample ID: EB-3

York Sample ID: 24F1201-08

York Project (SDG) No.

24F1201

Client Project ID

Elka

Matrix

Water

Collection Date/Time

June 17, 2024 3:00 pm

Date Received

06/18/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 05:04	BMC
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 05:04	BMC
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 05:04	BMC
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 05:04	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	ug/L	0.608	1.00	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 05:04	BMC
98-06-6	tert-Butylbenzene	ND	QL-02	ug/L	0.367	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 05:04	BMC
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 05:04	BMC
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 05:04	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 05:04	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 05:04	BMC
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 05:04	BMC
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 05:04	BMC
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 05:04	BMC
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 05:04	BMC
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	101 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	102 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	96.3 %	79-122								

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

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/L	2.50	5.00	1	EPA 8270D Certifications:	06/20/2024 08:37	06/21/2024 12:22	LL
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/20/2024 08:37	06/21/2024 12:22	LL
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/20/2024 08:37	06/21/2024 12:22	LL



Sample Information

Client Sample ID: EB-3

York Sample ID: 24F1201-08

York Project (SDG) No.

24F1201

Client Project ID

Elka

Matrix

Water

Collection Date/Time

June 17, 2024 3:00 pm

Date Received

06/18/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	06/20/2024 08:37	06/21/2024 12:22	LL
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2024 08:37	06/21/2024 12:22	LL
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	06/20/2024 08:37	06/21/2024 12:22	LL
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	06/20/2024 08:37	06/21/2024 12:22	LL
58-90-2	2,3,4,6-Tetrachlorophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2024 08:37	06/21/2024 12:22	LL
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 08:37	06/21/2024 12:22	LL
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 08:37	06/21/2024 12:22	LL
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 08:37	06/21/2024 12:22	LL
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 08:37	06/21/2024 12:22	LL
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 08:37	06/21/2024 12:22	LL
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 08:37	06/21/2024 12:22	LL
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 08:37	06/21/2024 12:22	LL
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 08:37	06/21/2024 12:22	LL
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 08:37	06/21/2024 12:22	LL
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 08:37	06/21/2024 12:22	LL
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 08:37	06/21/2024 12:22	LL
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 08:37	06/21/2024 12:22	LL
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 08:37	06/21/2024 12:22	LL
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 08:37	06/21/2024 12:22	LL
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 08:37	06/21/2024 12:22	LL
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 08:37	06/21/2024 12:22	LL
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 08:37	06/21/2024 12:22	LL
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 08:37	06/21/2024 12:22	LL



Sample Information

Client Sample ID: EB-3

York Sample ID: 24F1201-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F1201

Elka

Water

June 17, 2024 3:00 pm

06/18/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/20/2024 08:37 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/21/2024 12:22	LL
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/20/2024 08:37 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/21/2024 12:22	LL
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/20/2024 08:37 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/21/2024 12:22	LL
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/20/2024 08:37 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/21/2024 12:22	LL
100-02-7	4-Nitrophenol	ND	CAL-E	ug/L	5.00	5.00	1	EPA 8270D Certifications:	06/20/2024 08:37 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/21/2024 12:22	LL
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/20/2024 08:37 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/21/2024 12:22	LL
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/20/2024 08:37 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/21/2024 12:22	LL
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/20/2024 08:37 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/21/2024 12:22	LL
92-87-5	Benzidine	ND	CCVE	ug/L	5.00	5.00	1	EPA 8270D Certifications:	06/20/2024 08:37 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/21/2024 12:22	LL
65-85-0	Benzoic acid	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/20/2024 08:37 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/21/2024 12:22	LL
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/20/2024 08:37 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/21/2024 12:22	LL
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/20/2024 08:37 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/21/2024 12:22	LL
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/20/2024 08:37 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/21/2024 12:22	LL
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D Certifications:	06/20/2024 08:37 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/21/2024 12:22	LL
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/20/2024 08:37 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/21/2024 12:22	LL
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/20/2024 08:37 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/21/2024 12:22	LL
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/20/2024 08:37 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/21/2024 12:22	LL
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/20/2024 08:37 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/21/2024 12:22	LL
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/20/2024 08:37 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/21/2024 12:22	LL
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/20/2024 08:37 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/21/2024 12:22	LL
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/20/2024 08:37 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/21/2024 12:22	LL
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/20/2024 08:37 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/21/2024 12:22	LL
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	ug/L	5.00	10.0	1	EPA 8270D Certifications:	06/20/2024 08:37 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/21/2024 12:22	LL



Sample Information

Client Sample ID: EB-3

York Sample ID: 24F1201-08

York Project (SDG) No.

24F1201

Client Project ID

Elka

Matrix

Water

Collection Date/Time

June 17, 2024 3:00 pm

Date Received

06/18/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 08:37	06/21/2024 12:22	LL
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 08:37	06/21/2024 12:22	LL
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 08:37	06/21/2024 12:22	LL
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 08:37	06/21/2024 12:22	LL
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 08:37	06/21/2024 12:22	LL
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	23.0 %	19.7-63.1								
13127-88-3	Surrogate: SURR: Phenol-d6	12.6 %	10.1-41.7								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	61.5 %	50.2-113								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	54.9 %	39.9-105								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	84.9 %	39.3-151								
1718-51-0	Surrogate: SURR: Terphenyl-d14	67.0 %	30.7-106								

Semi-Volatiles, 8270 (SIM)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 08:37	06/24/2024 10:31	SS
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 08:37	06/24/2024 10:31	SS
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 08:37	06/24/2024 10:31	SS
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/20/2024 08:37	06/24/2024 10:31	SS
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 08:37	06/24/2024 10:31	SS
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 08:37	06/24/2024 10:31	SS
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 08:37	06/24/2024 10:31	SS
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 08:37	06/24/2024 10:31	SS
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 08:37	06/24/2024 10:31	SS
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/20/2024 08:37	06/24/2024 10:31	SS
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 08:37	06/24/2024 10:31	SS



Sample Information

Client Sample ID: EB-3

York Sample ID: 24F1201-08

York Project (SDG) No.

24F1201

Client Project ID

Elka

Matrix

Water

Collection Date/Time

June 17, 2024 3:00 pm

Date Received

06/18/2024

Semi-Volatiles, 8270 (SIM)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 08:37	06/24/2024 10:31	SS
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 08:37	06/24/2024 10:31	SS
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 08:37	06/24/2024 10:31	SS
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/20/2024 08:37	06/24/2024 10:31	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/20/2024 08:37	06/24/2024 10:31	SS
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/20/2024 08:37	06/24/2024 10:31	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 08:37	06/24/2024 10:31	SS
91-20-3	Naphthalene	0.0500		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 08:37	06/24/2024 10:31	SS
98-95-3	Nitrobenzene	ND		ug/L	0.250	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/20/2024 08:37	06/24/2024 10:31	SS
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/20/2024 08:37	06/24/2024 10:31	SS
87-86-5	Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/20/2024 08:37	06/24/2024 10:31	SS
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 08:37	06/24/2024 10:31	SS
129-00-0	Pyrene	0.0700		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 08:37	06/24/2024 10:31	SS

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 08:44	06/20/2024 16:31	AGNR
7440-39-3	Barium	ND		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 08:44	06/20/2024 16:31	AGNR
7440-70-2	Calcium	0.258		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 08:44	06/20/2024 16:31	AGNR
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 08:44	06/20/2024 16:31	AGNR
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 08:44	06/20/2024 16:31	AGNR
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 08:44	06/20/2024 16:31	AGNR
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 08:44	06/20/2024 16:31	AGNR



Sample Information

Client Sample ID: EB-3

York Sample ID: 24F1201-08

York Project (SDG) No.

24F1201

Client Project ID

Elka

Matrix

Water

Collection Date/Time

June 17, 2024 3:00 pm

Date Received

06/18/2024

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 08:44	06/20/2024 16:31	AGNR
7439-95-4	Magnesium	ND		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 08:44	06/20/2024 16:31	AGNR
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 08:44	06/20/2024 16:31	AGNR
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 08:44	06/20/2024 16:31	AGNR
7440-09-7	Potassium	ND		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 08:44	06/20/2024 16:31	AGNR
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 08:44	06/20/2024 16:31	AGNR
7440-23-5	Sodium	ND		mg/L	0.556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 08:44	06/20/2024 16:31	AGNR
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 08:44	06/20/2024 16:31	AGNR
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 08:44	06/20/2024 16:31	AGNR

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/21/2024 08:40	06/24/2024 11:44	cw
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/21/2024 08:40	06/24/2024 11:44	cw
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/21/2024 08:40	06/24/2024 11:44	cw
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/21/2024 08:40	06/24/2024 11:44	cw
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/21/2024 08:40	06/24/2024 11:44	cw
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/21/2024 08:40	06/24/2024 11:44	cw

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/24/2024 08:16	06/24/2024 08:16	PFA



Sample Information

Client Sample ID: GW-12 (20-25ft)

York Sample ID: 24F1201-09

York Project (SDG) No.

24F1201

Client Project ID

Elka

Matrix

Ground Water

Collection Date/Time

June 16, 2024 3:00 pm

Date Received

06/18/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 05:31	BMC
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 05:31	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 05:31	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 05:31	BMC
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 05:31	BMC
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 05:31	BMC
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 05:31	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 17:00	06/21/2024 05:31	BMC
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 17:00	06/21/2024 05:31	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 17:00	06/21/2024 05:31	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 05:31	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 05:31	BMC
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 05:31	BMC
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 05:31	BMC
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 05:31	BMC
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 05:31	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 05:31	BMC
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 05:31	BMC
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 17:00	06/21/2024 05:31	BMC
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 05:31	BMC
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 17:00	06/21/2024 05:31	BMC
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 05:31	BMC
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 05:31	BMC



Sample Information

Client Sample ID: GW-12 (20-25ft)

York Sample ID: 24F1201-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F1201

Elka

Ground Water

June 16, 2024 3:00 pm

06/18/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 05:31	BMC
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 05:31	BMC
107-02-8	Acrolein	ND	CCVE, ICVE	ug/L	0.447	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 05:31	BMC
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 05:31	BMC
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 05:31	BMC
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/21/2024 05:31	BMC
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 05:31	BMC
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 05:31	BMC
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 05:31	BMC
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 05:31	BMC
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 05:31	BMC
108-90-7	Chlorobenzene	0.460	J	ug/L	0.284	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 05:31	BMC
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 05:31	BMC
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 05:31	BMC
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 05:31	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 05:31	BMC
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 05:31	BMC
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/21/2024 05:31	BMC
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 05:31	BMC
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/21/2024 05:31	BMC
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/21/2024 05:31	BMC
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 05:31	BMC
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/21/2024 05:31	BMC



Sample Information

Client Sample ID: GW-12 (20-25ft)

York Sample ID: 24F1201-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F1201

Elka

Ground Water

June 16, 2024 3:00 pm

06/18/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	0.440	J	ug/L	0.405	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 05:31	BMC
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 17:00	06/21/2024 05:31	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 05:31	BMC
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 17:00	06/21/2024 05:31	BMC
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 05:31	BMC
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 17:00	06/21/2024 05:31	BMC
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 05:31	BMC
103-65-1	n-Propylbenzene	1.16		ug/L	0.384	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 05:31	BMC
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	06/20/2024 17:00	06/21/2024 05:31	BMC
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	06/20/2024 17:00	06/21/2024 05:31	BMC
105-05-5	* p-Diethylbenzene	1.87		ug/L	0.341	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 05:31	BMC
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 05:31	BMC
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 05:31	BMC
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 05:31	BMC
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 05:31	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	ug/L	0.608	1.00	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 17:00	06/21/2024 05:31	BMC
98-06-6	tert-Butylbenzene	ND	QL-02	ug/L	0.367	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 05:31	BMC
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 05:31	BMC
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 05:31	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 05:31	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 05:31	BMC
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 05:31	BMC
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 17:00	06/21/2024 05:31	BMC



Sample Information

<u>Client Sample ID:</u> GW-12 (20-25ft)			<u>York Sample ID:</u> 24F1201-09	
<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
24F1201	Elka	Ground Water	June 16, 2024 3:00 pm	06/18/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 05:31	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications:	06/20/2024 17:00	06/21/2024 05:31	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	103 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	102 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	91.5 %	79-122								



Analytical Batch Summary

Batch ID: BF41252 **Preparation Method:** EPA 5030B **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
24F1201-06	TB-1	06/20/24
BF41252-BLK1	Blank	06/20/24
BF41252-BS1	LCS	06/20/24
BF41252-BSD1	LCS Dup	06/20/24

Batch ID: BF41330 **Preparation Method:** EPA 3510C **Prepared By:** GXB

YORK Sample ID	Client Sample ID	Preparation Date
24F1201-08	EB-3	06/20/24
BF41330-BLK1	Blank	06/20/24
BF41330-BLK3	Blank	06/20/24
BF41330-BS1	LCS	06/20/24
BF41330-BS2	LCS	06/20/24
BF41330-MS1	Matrix Spike	06/20/24
BF41330-MSD1	Matrix Spike Dup	06/20/24

Batch ID: BF41332 **Preparation Method:** EPA 3015A **Prepared By:** DBT

YORK Sample ID	Client Sample ID	Preparation Date
24F1201-08	EB-3	06/20/24
BF41332-BLK1	Blank	06/20/24
BF41332-BS1	LCS	06/20/24
BF41332-DUP1	Duplicate	06/20/24
BF41332-MS1	Matrix Spike	06/20/24
BF41332-PS1	Post Spike	06/20/24

Batch ID: BF41429 **Preparation Method:** EPA 3015A **Prepared By:** DBT

YORK Sample ID	Client Sample ID	Preparation Date
24F1201-08	EB-3	06/21/24
BF41429-BLK1	Blank	06/21/24
BF41429-BS1	LCS	06/21/24
BF41429-DUP1	Duplicate	06/21/24
BF41429-MS1	Matrix Spike	06/21/24

Batch ID: BF41450 **Preparation Method:** EPA 5030B **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
24F1201-01	GW-2	06/20/24
24F1201-02	GW-5S	06/20/24
24F1201-03	GW-7 (7-12 ft)	06/20/24
24F1201-04	GW-7 (15-20 ft)	06/20/24
24F1201-05	GW-5A	06/20/24



24F1201-07	EB-2	06/20/24
24F1201-08	EB-3	06/20/24
24F1201-09	GW-12 (20-25ft)	06/20/24
BF41450-BLK1	Blank	06/20/24
BF41450-BS1	LCS	06/20/24
BF41450-BSD1	LCS Dup	06/20/24
BF41450-MS1	Matrix Spike	06/20/24
BF41450-MSD1	Matrix Spike Dup	06/20/24

Batch ID: BF41528 **Preparation Method:** EPA SW846-7470A **Prepared By:** PFA

YORK Sample ID	Client Sample ID	Preparation Date
24F1201-08	EB-3	06/24/24
BF41528-BLK1	Blank	06/24/24
BF41528-BLK2	Blank	06/24/24
BF41528-BS1	LCS	06/24/24
BF41528-BS2	LCS	06/24/24

Batch ID: BF41560 **Preparation Method:** EPA 5030B **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
24F1201-03RE1	GW-7 (7-12 ft)	06/24/24
BF41560-BLK1	Blank	06/24/24
BF41560-BS1	LCS	06/24/24
BF41560-BSD1	LCS Dup	06/24/24



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BF41252 - EPA 5030B

Blank (BF41252-BLK1)

Prepared & Analyzed: 06/20/2024

1,1,1,2-Tetrachloroethane	ND	0.500	ug/L
1,1,1-Trichloroethane	ND	0.500	"
1,1,2,2-Tetrachloroethane	ND	0.500	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"
1,1,2-Trichloroethane	ND	0.500	"
1,1-Dichloroethane	ND	0.500	"
1,1-Dichloroethylene	ND	0.500	"
1,2,3-Trichlorobenzene	ND	0.500	"
1,2,3-Trichloropropane	ND	0.500	"
1,2,4-Trichlorobenzene	ND	0.500	"
1,2,4-Trimethylbenzene	ND	0.500	"
1,2-Dibromo-3-chloropropane	ND	0.500	"
1,2-Dibromoethane	ND	0.500	"
1,2-Dichlorobenzene	ND	0.500	"
1,2-Dichloroethane	ND	0.500	"
1,2-Dichloropropane	ND	0.500	"
1,3,5-Trimethylbenzene	ND	0.500	"
1,3-Dichlorobenzene	ND	0.500	"
1,3-Dichloropropane	ND	0.500	"
1,4-Dichlorobenzene	ND	0.500	"
1,4-Dioxane	ND	80.0	"
2-Butanone	ND	0.500	"
2-Hexanone	ND	0.500	"
4-Methyl-2-pentanone	ND	0.500	"
Acetone	ND	2.00	"
Acrolein	ND	0.500	"
Acrylonitrile	ND	0.500	"
Benzene	ND	0.500	"
Bromochloromethane	ND	0.500	"
Bromodichloromethane	ND	0.500	"
Bromoform	ND	0.500	"
Bromomethane	ND	0.500	"
Carbon disulfide	ND	0.500	"
Carbon tetrachloride	ND	0.500	"
Chlorobenzene	ND	0.500	"
Chloroethane	ND	0.500	"
Chloroform	ND	0.500	"
Chloromethane	ND	0.500	"
cis-1,2-Dichloroethylene	ND	0.500	"
cis-1,3-Dichloropropylene	ND	0.500	"
Cyclohexane	ND	0.500	"
Dibromochloromethane	ND	0.500	"
Dibromomethane	ND	0.500	"
Dichlorodifluoromethane	ND	0.500	"
Ethyl Benzene	ND	0.500	"
Hexachlorobutadiene	ND	0.500	"
Isopropylbenzene	ND	0.500	"
Methyl acetate	ND	0.500	"
Methyl tert-butyl ether (MTBE)	ND	0.500	"



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BF41252 - EPA 5030B

Blank (BF41252-BLK1)

Prepared & Analyzed: 06/20/2024

Methylcyclohexane	ND	0.500	ug/L								
Methylene chloride	ND	2.00	"								
Naphthalene	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Diethylbenzene	ND	0.500	"								
p-Ethyltoluene	ND	0.500	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	9.46		"	10.0		94.6	69-130				
Surrogate: SURR: Toluene-d8	10.4		"	10.0		104	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.2		"	10.0		102	79-122				

LCS (BF41252-BS1)

Prepared & Analyzed: 06/20/2024

1,1,1,2-Tetrachloroethane	9.01		ug/L	10.0		90.1	82-126				
1,1,1-Trichloroethane	8.80		"	10.0		88.0	78-136				
1,1,2,2-Tetrachloroethane	10.2		"	10.0		102	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.60		"	10.0		96.0	54-165				
1,1,2-Trichloroethane	9.48		"	10.0		94.8	82-123				
1,1-Dichloroethane	8.80		"	10.0		88.0	82-129				
1,1-Dichloroethylene	9.54		"	10.0		95.4	68-138				
1,2,3-Trichlorobenzene	8.57		"	10.0		85.7	76-136				
1,2,3-Trichloropropane	10.1		"	10.0		101	77-128				
1,2,4-Trichlorobenzene	9.29		"	10.0		92.9	76-137				
1,2,4-Trimethylbenzene	10.7		"	10.0		107	82-132				
1,2-Dibromo-3-chloropropane	8.58		"	10.0		85.8	45-147				
1,2-Dibromoethane	9.42		"	10.0		94.2	83-124				
1,2-Dichlorobenzene	10.4		"	10.0		104	79-123				
1,2-Dichloroethane	7.94		"	10.0		79.4	73-132				
1,2-Dichloropropane	9.67		"	10.0		96.7	78-126				
1,3,5-Trimethylbenzene	11.2		"	10.0		112	80-131				
1,3-Dichlorobenzene	10.6		"	10.0		106	86-122				
1,3-Dichloropropane	9.14		"	10.0		91.4	81-125				
1,4-Dichlorobenzene	10.5		"	10.0		105	85-124				
1,4-Dioxane	143		"	210		68.1	10-349				
2-Butanone	8.03		"	10.0		80.3	49-152				
2-Hexanone	8.26		"	10.0		82.6	51-146				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BF41252 - EPA 5030B

LCS (BF41252-BS1)

Prepared & Analyzed: 06/20/2024

4-Methyl-2-pentanone	7.34		ug/L	10.0		73.4	57-145				
Acetone	7.38		"	10.0		73.8	14-150				
Acrolein	4.29		"	10.0		42.9	10-153				
Acrylonitrile	7.98		"	10.0		79.8	51-150				
Benzene	9.68		"	10.0		96.8	85-126				
Bromochloromethane	8.36		"	10.0		83.6	77-128				
Bromodichloromethane	8.40		"	10.0		84.0	79-128				
Bromoform	7.90		"	10.0		79.0	78-133				
Bromomethane	6.97		"	10.0		69.7	43-168				
Carbon disulfide	9.65		"	10.0		96.5	68-146				
Carbon tetrachloride	8.49		"	10.0		84.9	77-141				
Chlorobenzene	10.0		"	10.0		100	88-120				
Chloroethane	7.96		"	10.0		79.6	65-136				
Chloroform	8.84		"	10.0		88.4	82-128				
Chloromethane	6.24		"	10.0		62.4	43-155				
cis-1,2-Dichloroethylene	8.97		"	10.0		89.7	83-129				
cis-1,3-Dichloropropylene	9.41		"	10.0		94.1	80-131				
Cyclohexane	4.12		"	10.0		41.2	63-149	Low Bias			
Dibromochloromethane	8.60		"	10.0		86.0	80-130				
Dibromomethane	8.56		"	10.0		85.6	72-134				
Dichlorodifluoromethane	5.29		"	10.0		52.9	44-144				
Ethyl Benzene	10.2		"	10.0		102	80-131				
Hexachlorobutadiene	9.66		"	10.0		96.6	67-146				
Isopropylbenzene	11.0		"	10.0		110	76-140				
Methyl acetate	7.79		"	10.0		77.9	51-139				
Methyl tert-butyl ether (MTBE)	8.28		"	10.0		82.8	76-135				
Methylcyclohexane	9.89		"	10.0		98.9	72-143				
Methylene chloride	8.34		"	10.0		83.4	55-137				
Naphthalene	8.79		"	10.0		87.9	70-147				
n-Butylbenzene	10.0		"	10.0		100	79-132				
n-Propylbenzene	10.7		"	10.0		107	78-133				
o-Xylene	9.79		"	10.0		97.9	78-130				
p- & m- Xylenes	20.0		"	20.0		100	77-133				
p-Diethylbenzene	10.2		"	10.0		102	84-134				
p-Ethyltoluene	12.1		"	10.0		121	88-129				
p-Isopropyltoluene	10.7		"	10.0		107	81-136				
sec-Butylbenzene	10.6		"	10.0		106	79-137				
Styrene	9.81		"	10.0		98.1	67-132				
tert-Butyl alcohol (TBA)	32.6		"	50.0		65.3	25-162				
tert-Butylbenzene	9.34		"	10.0		93.4	77-138				
Tetrachloroethylene	10.3		"	10.0		103	82-131				
Toluene	10.3		"	10.0		103	80-127				
trans-1,2-Dichloroethylene	8.88		"	10.0		88.8	80-132				
trans-1,3-Dichloropropylene	8.72		"	10.0		87.2	78-131				
Trichloroethylene	9.74		"	10.0		97.4	82-128				
Trichlorofluoromethane	8.76		"	10.0		87.6	67-139				
Vinyl Chloride	7.36		"	10.0		73.6	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	8.84		"	10.0		88.4	69-130				
Surrogate: SURR: Toluene-d8	10.5		"	10.0		105	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.3		"	10.0		103	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	Limit	Flag
Batch BF41252 - EPA 5030B											
LCS Dup (BF41252-BSD1)						Prepared & Analyzed: 06/20/2024					
1,1,1,2-Tetrachloroethane	8.98		ug/L	10.0		89.8	82-126		0.334	30	
1,1,1-Trichloroethane	8.45		"	10.0		84.5	78-136		4.06	30	
1,1,2,2-Tetrachloroethane	10.8		"	10.0		108	76-129		5.32	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.45		"	10.0		94.5	54-165		1.57	30	
1,1,2-Trichloroethane	9.87		"	10.0		98.7	82-123		4.03	30	
1,1-Dichloroethane	8.75		"	10.0		87.5	82-129		0.570	30	
1,1-Dichloroethylene	9.37		"	10.0		93.7	68-138		1.80	30	
1,2,3-Trichlorobenzene	8.76		"	10.0		87.6	76-136		2.19	30	
1,2,3-Trichloropropane	10.5		"	10.0		105	77-128		4.17	30	
1,2,4-Trichlorobenzene	9.02		"	10.0		90.2	76-137		2.95	30	
1,2,4-Trimethylbenzene	10.0		"	10.0		100	82-132		6.27	30	
1,2-Dibromo-3-chloropropane	9.22		"	10.0		92.2	45-147		7.19	30	
1,2-Dibromoethane	10.2		"	10.0		102	83-124		7.56	30	
1,2-Dichlorobenzene	9.99		"	10.0		99.9	79-123		4.41	30	
1,2-Dichloroethane	8.50		"	10.0		85.0	73-132		6.81	30	
1,2-Dichloropropane	9.59		"	10.0		95.9	78-126		0.831	30	
1,3,5-Trimethylbenzene	10.3		"	10.0		103	80-131		7.81	30	
1,3-Dichlorobenzene	9.94		"	10.0		99.4	86-122		6.90	30	
1,3-Dichloropropane	9.78		"	10.0		97.8	81-125		6.77	30	
1,4-Dichlorobenzene	9.81		"	10.0		98.1	85-124		6.79	30	
1,4-Dioxane	212		"	210		101	10-349		38.6	30	Non-dir.
2-Butanone	8.99		"	10.0		89.9	49-152		11.3	30	
2-Hexanone	9.45		"	10.0		94.5	51-146		13.4	30	
4-Methyl-2-pentanone	8.40		"	10.0		84.0	57-145		13.5	30	
Acetone	9.44		"	10.0		94.4	14-150		24.5	30	
Acrolein	4.61		"	10.0		46.1	10-153		7.19	30	
Acrylonitrile	9.07		"	10.0		90.7	51-150		12.8	30	
Benzene	9.55		"	10.0		95.5	85-126		1.35	30	
Bromochloromethane	8.69		"	10.0		86.9	77-128		3.87	30	
Bromodichloromethane	8.43		"	10.0		84.3	79-128		0.357	30	
Bromoform	8.55		"	10.0		85.5	78-133		7.90	30	
Bromomethane	6.93		"	10.0		69.3	43-168		0.576	30	
Carbon disulfide	9.52		"	10.0		95.2	68-146		1.36	30	
Carbon tetrachloride	8.35		"	10.0		83.5	77-141		1.66	30	
Chlorobenzene	9.78		"	10.0		97.8	88-120		2.52	30	
Chloroethane	7.79		"	10.0		77.9	65-136		2.16	30	
Chloroform	8.68		"	10.0		86.8	82-128		1.83	30	
Chloromethane	6.14		"	10.0		61.4	43-155		1.62	30	
cis-1,2-Dichloroethylene	8.71		"	10.0		87.1	83-129		2.94	30	
cis-1,3-Dichloropropylene	9.36		"	10.0		93.6	80-131		0.533	30	
Cyclohexane	3.97		"	10.0		39.7	63-149	Low Bias	3.71	30	
Dibromochloromethane	8.90		"	10.0		89.0	80-130		3.43	30	
Dibromomethane	9.27		"	10.0		92.7	72-134		7.96	30	
Dichlorodifluoromethane	5.29		"	10.0		52.9	44-144		0.00	30	
Ethyl Benzene	9.80		"	10.0		98.0	80-131		3.61	30	
Hexachlorobutadiene	8.85		"	10.0		88.5	67-146		8.75	30	
Isopropylbenzene	10.1		"	10.0		101	76-140		8.65	30	
Methyl acetate	8.86		"	10.0		88.6	51-139		12.9	30	
Methyl tert-butyl ether (MTBE)	9.27		"	10.0		92.7	76-135		11.3	30	
Methylcyclohexane	9.54		"	10.0		95.4	72-143		3.60	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BF41252 - EPA 5030B

LCS Dup (BF41252-BSD1)

Prepared & Analyzed: 06/20/2024

Methylene chloride	8.44		ug/L	10.0		84.4	55-137		1.19	30	
Naphthalene	9.01		"	10.0		90.1	70-147		2.47	30	
n-Butylbenzene	9.35		"	10.0		93.5	79-132		7.12	30	
n-Propylbenzene	9.83		"	10.0		98.3	78-133		8.57	30	
o-Xylene	9.46		"	10.0		94.6	78-130		3.43	30	
p- & m- Xylenes	19.1		"	20.0		95.5	77-133		4.60	30	
p-Diethylbenzene	9.55		"	10.0		95.5	84-134		6.68	30	
p-Ethyltoluene	11.2		"	10.0		112	88-129		7.38	30	
p-Isopropyltoluene	10.0		"	10.0		100	81-136		6.09	30	
sec-Butylbenzene	9.89		"	10.0		98.9	79-137		7.31	30	
Styrene	9.62		"	10.0		96.2	67-132		1.96	30	
tert-Butyl alcohol (TBA)	41.8		"	50.0		83.6	25-162		24.7	30	
tert-Butylbenzene	8.75		"	10.0		87.5	77-138		6.52	30	
Tetrachloroethylene	9.77		"	10.0		97.7	82-131		5.09	30	
Toluene	9.88		"	10.0		98.8	80-127		4.07	30	
trans-1,2-Dichloroethylene	8.76		"	10.0		87.6	80-132		1.36	30	
trans-1,3-Dichloropropylene	9.17		"	10.0		91.7	78-131		5.03	30	
Trichloroethylene	9.26		"	10.0		92.6	82-128		5.05	30	
Trichlorofluoromethane	8.65		"	10.0		86.5	67-139		1.26	30	
Vinyl Chloride	7.19		"	10.0		71.9	58-145		2.34	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	9.32		"	10.0		93.2	69-130				
Surrogate: SURR: Toluene-d8	10.3		"	10.0		103	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.93		"	10.0		99.3	79-122				

Batch BF41450 - EPA 5030B

Blank (BF41450-BLK1)

Prepared: 06/20/2024 Analyzed: 06/21/2024

1,1,1,2-Tetrachloroethane	ND	0.500	ug/L
1,1,1-Trichloroethane	ND	0.500	"
1,1,2,2-Tetrachloroethane	ND	0.500	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"
1,1,2-Trichloroethane	ND	0.500	"
1,1-Dichloroethane	ND	0.500	"
1,1-Dichloroethylene	ND	0.500	"
1,2,3-Trichlorobenzene	ND	0.500	"
1,2,3-Trichloropropane	ND	0.500	"
1,2,4-Trichlorobenzene	ND	0.500	"
1,2,4-Trimethylbenzene	ND	0.500	"
1,2-Dibromo-3-chloropropane	ND	0.500	"
1,2-Dibromoethane	ND	0.500	"
1,2-Dichlorobenzene	ND	0.500	"
1,2-Dichloroethane	ND	0.500	"
1,2-Dichloropropane	ND	0.500	"
1,3,5-Trimethylbenzene	ND	0.500	"
1,3-Dichlorobenzene	ND	0.500	"
1,3-Dichloropropane	ND	0.500	"
1,4-Dichlorobenzene	ND	0.500	"
1,4-Dioxane	ND	80.0	"
2-Butanone	ND	0.500	"
2-Hexanone	ND	0.500	"
4-Methyl-2-pentanone	ND	0.500	"



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BF41450 - EPA 5030B

Blank (BF41450-BLK1)

Prepared: 06/20/2024 Analyzed: 06/21/2024

Acetone	ND	2.00	ug/L								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
Naphthalene	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Diethylbenzene	ND	0.500	"								
p-Ethyltoluene	ND	0.500	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	11.5		"	10.0		115	69-130				
Surrogate: SURR: Toluene-d8	9.97		"	10.0		99.7	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.0		"	10.0		100	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF41450 - EPA 5030B											
LCS (BF41450-BS1)						Prepared & Analyzed: 06/20/2024					
1,1,1,2-Tetrachloroethane	9.88		ug/L	10.0		98.8	82-126				
1,1,1-Trichloroethane	9.82		"	10.0		98.2	78-136				
1,1,2,2-Tetrachloroethane	10.1		"	10.0		101	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.75		"	10.0		97.5	54-165				
1,1,2-Trichloroethane	10.4		"	10.0		104	82-123				
1,1-Dichloroethane	9.14		"	10.0		91.4	82-129				
1,1-Dichloroethylene	10.2		"	10.0		102	68-138				
1,2,3-Trichlorobenzene	9.31		"	10.0		93.1	76-136				
1,2,3-Trichloropropane	10.7		"	10.0		107	77-128				
1,2,4-Trichlorobenzene	9.58		"	10.0		95.8	76-137				
1,2,4-Trimethylbenzene	9.54		"	10.0		95.4	82-132				
1,2-Dibromo-3-chloropropane	9.92		"	10.0		99.2	45-147				
1,2-Dibromoethane	10.5		"	10.0		105	83-124				
1,2-Dichlorobenzene	10.0		"	10.0		100	79-123				
1,2-Dichloroethane	10.4		"	10.0		104	73-132				
1,2-Dichloropropane	9.50		"	10.0		95.0	78-126				
1,3,5-Trimethylbenzene	9.70		"	10.0		97.0	80-131				
1,3-Dichlorobenzene	9.62		"	10.0		96.2	86-122				
1,3-Dichloropropane	10.2		"	10.0		102	81-125				
1,4-Dichlorobenzene	9.47		"	10.0		94.7	85-124				
1,4-Dioxane	287		"	210		136	10-349				
2-Butanone	9.91		"	10.0		99.1	49-152				
2-Hexanone	11.2		"	10.0		112	51-146				
4-Methyl-2-pentanone	9.97		"	10.0		99.7	57-145				
Acetone	12.6		"	10.0		126	14-150				
Acrolein	4.61		"	10.0		46.1	10-153				
Acrylonitrile	10.1		"	10.0		101	51-150				
Benzene	9.34		"	10.0		93.4	85-126				
Bromochloromethane	9.63		"	10.0		96.3	77-128				
Bromodichloromethane	9.45		"	10.0		94.5	79-128				
Bromoform	10.3		"	10.0		103	78-133				
Bromomethane	5.77		"	10.0		57.7	43-168				
Carbon disulfide	9.11		"	10.0		91.1	68-146				
Carbon tetrachloride	9.84		"	10.0		98.4	77-141				
Chlorobenzene	9.75		"	10.0		97.5	88-120				
Chloroethane	9.11		"	10.0		91.1	65-136				
Chloroform	9.70		"	10.0		97.0	82-128				
Chloromethane	6.20		"	10.0		62.0	43-155				
cis-1,2-Dichloroethylene	9.06		"	10.0		90.6	83-129				
cis-1,3-Dichloropropylene	9.01		"	10.0		90.1	80-131				
Cyclohexane	3.89		"	10.0		38.9	63-149	Low Bias			
Dibromochloromethane	10.1		"	10.0		101	80-130				
Dibromomethane	10.2		"	10.0		102	72-134				
Dichlorodifluoromethane	6.27		"	10.0		62.7	44-144				
Ethyl Benzene	10.0		"	10.0		100	80-131				
Hexachlorobutadiene	9.76		"	10.0		97.6	67-146				
Isopropylbenzene	9.14		"	10.0		91.4	76-140				
Methyl acetate	8.97		"	10.0		89.7	51-139				
Methyl tert-butyl ether (MTBE)	10.5		"	10.0		105	76-135				
Methylcyclohexane	9.06		"	10.0		90.6	72-143				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BF41450 - EPA 5030B

LCS (BF41450-BS1)

Prepared & Analyzed: 06/20/2024

Methylene chloride	9.35		ug/L	10.0		93.5	55-137				
Naphthalene	9.32		"	10.0		93.2	70-147				
n-Butylbenzene	9.43		"	10.0		94.3	79-132				
n-Propylbenzene	9.03		"	10.0		90.3	78-133				
o-Xylene	9.90		"	10.0		99.0	78-130				
p- & m- Xylenes	20.0		"	20.0		100	77-133				
p-Diethylbenzene	9.41		"	10.0		94.1	84-134				
p-Ethyltoluene	10.2		"	10.0		102	88-129				
p-Isopropyltoluene	9.49		"	10.0		94.9	81-136				
sec-Butylbenzene	9.18		"	10.0		91.8	79-137				
Styrene	9.77		"	10.0		97.7	67-132				
tert-Butyl alcohol (TBA)	51.7		"	50.0		103	25-162				
tert-Butylbenzene	8.17		"	10.0		81.7	77-138				
Tetrachloroethylene	9.96		"	10.0		99.6	82-131				
Toluene	9.60		"	10.0		96.0	80-127				
trans-1,2-Dichloroethylene	9.44		"	10.0		94.4	80-132				
trans-1,3-Dichloropropylene	9.35		"	10.0		93.5	78-131				
Trichloroethylene	9.49		"	10.0		94.9	82-128				
Trichlorofluoromethane	11.8		"	10.0		118	67-139				
Vinyl Chloride	8.09		"	10.0		80.9	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	11.5		"	10.0		115	69-130				
Surrogate: SURR: Toluene-d8	10.0		"	10.0		100	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.39		"	10.0		93.9	79-122				

LCS Dup (BF41450-BS1)

Prepared & Analyzed: 06/20/2024

1,1,1,2-Tetrachloroethane	9.23		ug/L	10.0		92.3	82-126		6.80	30	
1,1,1-Trichloroethane	9.07		"	10.0		90.7	78-136		7.94	30	
1,1,2,2-Tetrachloroethane	9.86		"	10.0		98.6	76-129		2.60	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.03		"	10.0		90.3	54-165		7.67	30	
1,1,2-Trichloroethane	10.0		"	10.0		100	82-123		3.14	30	
1,1-Dichloroethane	8.55		"	10.0		85.5	82-129		6.67	30	
1,1-Dichloroethylene	9.43		"	10.0		94.3	68-138		7.45	30	
1,2,3-Trichlorobenzene	8.90		"	10.0		89.0	76-136		4.50	30	
1,2,3-Trichloropropane	10.3		"	10.0		103	77-128		4.00	30	
1,2,4-Trichlorobenzene	8.75		"	10.0		87.5	76-137		9.06	30	
1,2,4-Trimethylbenzene	8.87		"	10.0		88.7	82-132		7.28	30	
1,2-Dibromo-3-chloropropane	10.1		"	10.0		101	45-147		1.40	30	
1,2-Dibromoethane	10.2		"	10.0		102	83-124		3.48	30	
1,2-Dichlorobenzene	9.31		"	10.0		93.1	79-123		7.15	30	
1,2-Dichloroethane	9.82		"	10.0		98.2	73-132		6.02	30	
1,2-Dichloropropane	8.73		"	10.0		87.3	78-126		8.45	30	
1,3,5-Trimethylbenzene	8.94		"	10.0		89.4	80-131		8.15	30	
1,3-Dichlorobenzene	9.01		"	10.0		90.1	86-122		6.55	30	
1,3-Dichloropropane	9.61		"	10.0		96.1	81-125		5.76	30	
1,4-Dichlorobenzene	8.95		"	10.0		89.5	85-124		5.65	30	
1,4-Dioxane	260		"	210		124	10-349		9.73	30	
2-Butanone	9.45		"	10.0		94.5	49-152		4.75	30	
2-Hexanone	10.9		"	10.0		109	51-146		2.08	30	
4-Methyl-2-pentanone	9.48		"	10.0		94.8	57-145		5.04	30	
Acetone	12.5		"	10.0		125	14-150		0.956	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BF41450 - EPA 5030B

LCS Dup (BF41450-BSD1)

Prepared & Analyzed: 06/20/2024

Acrolein	4.45		ug/L	10.0		44.5	10-153		3.53	30	
Acrylonitrile	9.58		"	10.0		95.8	51-150		5.09	30	
Benzene	8.69		"	10.0		86.9	85-126		7.21	30	
Bromochloromethane	9.17		"	10.0		91.7	77-128		4.89	30	
Bromodichloromethane	8.83		"	10.0		88.3	79-128		6.78	30	
Bromoform	9.57		"	10.0		95.7	78-133		7.15	30	
Bromomethane	5.40		"	10.0		54.0	43-168		6.62	30	
Carbon disulfide	8.56		"	10.0		85.6	68-146		6.23	30	
Carbon tetrachloride	9.07		"	10.0		90.7	77-141		8.14	30	
Chlorobenzene	9.24		"	10.0		92.4	88-120		5.37	30	
Chloroethane	8.36		"	10.0		83.6	65-136		8.59	30	
Chloroform	8.91		"	10.0		89.1	82-128		8.49	30	
Chloromethane	5.71		"	10.0		57.1	43-155		8.23	30	
cis-1,2-Dichloroethylene	8.51		"	10.0		85.1	83-129		6.26	30	
cis-1,3-Dichloropropylene	8.32		"	10.0		83.2	80-131		7.96	30	
Cyclohexane	3.71		"	10.0		37.1	63-149	Low Bias	4.74	30	
Dibromochloromethane	9.68		"	10.0		96.8	80-130		3.95	30	
Dibromomethane	9.71		"	10.0		97.1	72-134		4.73	30	
Dichlorodifluoromethane	5.64		"	10.0		56.4	44-144		10.6	30	
Ethyl Benzene	9.30		"	10.0		93.0	80-131		7.55	30	
Hexachlorobutadiene	9.32		"	10.0		93.2	67-146		4.61	30	
Isopropylbenzene	8.48		"	10.0		84.8	76-140		7.49	30	
Methyl acetate	8.65		"	10.0		86.5	51-139		3.63	30	
Methyl tert-butyl ether (MTBE)	9.85		"	10.0		98.5	76-135		6.29	30	
Methyleyclohexane	8.32		"	10.0		83.2	72-143		8.52	30	
Methylene chloride	8.68		"	10.0		86.8	55-137		7.43	30	
Naphthalene	9.05		"	10.0		90.5	70-147		2.94	30	
n-Butylbenzene	8.60		"	10.0		86.0	79-132		9.21	30	
n-Propylbenzene	8.31		"	10.0		83.1	78-133		8.30	30	
o-Xylene	9.34		"	10.0		93.4	78-130		5.82	30	
p- & m- Xylenes	18.6		"	20.0		93.0	77-133		7.40	30	
p-Diethylbenzene	8.68		"	10.0		86.8	84-134		8.07	30	
p-Ethyltoluene	9.43		"	10.0		94.3	88-129		7.94	30	
p-Isopropyltoluene	8.76		"	10.0		87.6	81-136		8.00	30	
sec-Butylbenzene	8.64		"	10.0		86.4	79-137		6.06	30	
Styrene	9.10		"	10.0		91.0	67-132		7.10	30	
tert-Butyl alcohol (TBA)	56.4		"	50.0		113	25-162		8.84	30	
tert-Butylbenzene	7.56		"	10.0		75.6	77-138	Low Bias	7.76	30	
Tetrachloroethylene	9.01		"	10.0		90.1	82-131		10.0	30	
Toluene	9.00		"	10.0		90.0	80-127		6.45	30	
trans-1,2-Dichloroethylene	8.81		"	10.0		88.1	80-132		6.90	30	
trans-1,3-Dichloropropylene	8.78		"	10.0		87.8	78-131		6.29	30	
Trichloroethylene	8.76		"	10.0		87.6	82-128		8.00	30	
Trichlorofluoromethane	10.6		"	10.0		106	67-139		10.6	30	
Vinyl Chloride	7.40		"	10.0		74.0	58-145		8.91	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	11.4		"	10.0		114	69-130				
Surrogate: SURR: Toluene-d8	9.99		"	10.0		99.9	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.29		"	10.0		92.9	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF41450 - EPA 5030B											
Matrix Spike (BF41450-MS1)		*Source sample: 24F1201-02 (GW-5S)					Prepared: 06/20/2024 Analyzed: 06/21/2024				
1,1,1,2-Tetrachloroethane	10.6		ug/L	10.0	0.00	106	45-161				
1,1,1-Trichloroethane	11.9		"	10.0	0.00	119	70-146				
1,1,2,2-Tetrachloroethane	10.4		"	10.0	0.00	104	74-121				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.03		"	10.0	0.00	90.3	21-217				
1,1,2-Trichloroethane	14.8		"	10.0	0.00	148	59-146	High Bias			
1,1-Dichloroethane	10.7		"	10.0	0.00	107	54-146				
1,1-Dichloroethylene	12.0		"	10.0	0.00	120	44-165				
1,2,3-Trichlorobenzene	8.13		"	10.0	0.00	81.3	40-161				
1,2,3-Trichloropropane	11.2		"	10.0	0.00	112	74-127				
1,2,4-Trichlorobenzene	7.95		"	10.0	0.00	79.5	41-161				
1,2,4-Trimethylbenzene	8.78		"	10.0	0.310	84.7	72-129				
1,2-Dibromo-3-chloropropane	10.5		"	10.0	0.00	105	31-151				
1,2-Dibromoethane	11.4		"	10.0	0.00	114	75-125				
1,2-Dichlorobenzene	9.34		"	10.0	0.00	93.4	63-122				
1,2-Dichloroethane	12.0		"	10.0	0.00	120	68-131				
1,2-Dichloropropane	10.2		"	10.0	0.00	102	77-121				
1,3,5-Trimethylbenzene	9.01		"	10.0	0.200	88.1	69-126				
1,3-Dichlorobenzene	8.60		"	10.0	0.00	86.0	74-119				
1,3-Dichloropropane	10.8		"	10.0	0.00	108	77-119				
1,4-Dichlorobenzene	8.48		"	10.0	0.00	84.8	70-124				
1,4-Dioxane	198		"	210	0.00	94.5	10-310				
2-Butanone	9.02		"	10.0	0.00	90.2	10-193				
2-Hexanone	12.0		"	10.0	0.00	120	53-133				
4-Methyl-2-pentanone	11.2		"	10.0	0.00	112	38-150				
Acetone	17.5		"	10.0	0.00	175	13-149	High Bias			
Acrolein	4.53		"	10.0	0.00	45.3	10-195				
Acrylonitrile	11.0		"	10.0	0.00	110	37-165				
Benzene	10.5		"	10.0	0.00	105	38-155				
Bromochloromethane	11.2		"	10.0	0.00	112	75-121				
Bromodichloromethane	10.3		"	10.0	0.00	103	70-129				
Bromoform	10.8		"	10.0	0.00	108	66-136				
Bromomethane	6.29		"	10.0	0.00	62.9	30-158				
Carbon disulfide	10.1		"	10.0	0.00	101	10-138				
Carbon tetrachloride	11.6		"	10.0	0.00	116	71-146				
Chlorobenzene	10.5		"	10.0	0.340	102	81-117				
Chloroethane	10.7		"	10.0	0.00	107	51-145				
Chloroform	11.1		"	10.0	0.00	111	80-124				
Chloromethane	7.00		"	10.0	0.00	70.0	16-163				
cis-1,2-Dichloroethylene	9.88		"	10.0	0.00	98.8	76-125				
cis-1,3-Dichloropropylene	8.94		"	10.0	0.00	89.4	58-131				
Cyclohexane	15.2		"	10.0	0.00	152	70-130	High Bias			
Dibromochloromethane	10.9		"	10.0	0.00	109	71-129				
Dibromomethane	10.8		"	10.0	0.00	108	76-120				
Dichlorodifluoromethane	6.36		"	10.0	0.00	63.6	30-147				
Ethyl Benzene	10.9		"	10.0	0.630	103	72-128				
Hexachlorobutadiene	7.32		"	10.0	0.00	73.2	34-166				
Isopropylbenzene	10.8		"	10.0	2.08	87.4	66-139				
Methyl acetate	8.91		"	10.0	0.00	89.1	10-200				
Methyl tert-butyl ether (MTBE)	11.7		"	10.0	0.00	117	75-128				
Methylcyclohexane	9.45		"	10.0	0.00	94.5	70-130				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF41450 - EPA 5030B											
Matrix Spike (BF41450-MS1)		*Source sample: 24F1201-02 (GW-5S)					Prepared: 06/20/2024 Analyzed: 06/21/2024				
Methylene chloride	10.6		ug/L	10.0	0.00	106	57-128				
Naphthalene	9.86		"	10.0	0.520	93.4	39-158				
n-Butylbenzene	7.91		"	10.0	0.00	79.1	61-138				
n-Propylbenzene	10.4		"	10.0	2.15	82.6	66-134				
o-Xylene	10.5		"	10.0	0.140	104	69-126				
p- & m- Xylenes	22.0		"	20.0	2.15	99.5	67-130				
p-Diethylbenzene	8.75		"	10.0	1.09	76.6	52-150				
p-Ethyltoluene	9.22		"	10.0	0.00	92.2	76-127				
p-Isopropyltoluene	8.12		"	10.0	0.00	81.2	64-137				
sec-Butylbenzene	9.81		"	10.0	1.49	83.2	53-155				
Styrene	9.91		"	10.0	0.00	99.1	69-125				
tert-Butyl alcohol (TBA)	58.0		"	50.0	0.00	116	10-130				
tert-Butylbenzene	7.92		"	10.0	0.210	77.1	65-139				
Tetrachloroethylene	9.23		"	10.0	0.00	92.3	64-139				
Toluene	10.3		"	10.0	0.00	103	76-123				
trans-1,2-Dichloroethylene	10.6		"	10.0	0.00	106	79-131				
trans-1,3-Dichloropropylene	9.08		"	10.0	0.00	90.8	55-130				
Trichloroethylene	10.1		"	10.0	0.00	101	53-145				
Trichlorofluoromethane	13.9		"	10.0	0.00	139	61-142				
Vinyl Chloride	9.16		"	10.0	0.00	91.6	31-165				
Surrogate: SURR: 1,2-Dichloroethane-d4	12.2		"	10.0		122	69-130				
Surrogate: SURR: Toluene-d8	9.93		"	10.0		99.3	81-117				
Surrogate: SURR: p-Bromofluorobenzene	8.95		"	10.0		89.5	79-122				
Matrix Spike Dup (BF41450-MSD1)		*Source sample: 24F1201-02 (GW-5S)					Prepared: 06/20/2024 Analyzed: 06/21/2024				
1,1,1,2-Tetrachloroethane	11.5		ug/L	10.0	0.00	115	45-161		8.77	30	
1,1,1-Trichloroethane	12.4		"	10.0	0.00	124	70-146		4.52	30	
1,1,2,2-Tetrachloroethane	11.2		"	10.0	0.00	112	74-121		7.98	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.91		"	10.0	0.00	99.1	21-217		9.29	30	
1,1,2-Trichloroethane	16.2		"	10.0	0.00	162	59-146	High Bias	9.23	30	
1,1-Dichloroethane	11.4		"	10.0	0.00	114	54-146		6.87	30	
1,1-Dichloroethylene	12.6		"	10.0	0.00	126	44-165		4.64	30	
1,2,3-Trichlorobenzene	9.48		"	10.0	0.00	94.8	40-161		15.3	30	
1,2,3-Trichloropropane	12.1		"	10.0	0.00	121	74-127		7.75	30	
1,2,4-Trichlorobenzene	9.10		"	10.0	0.00	91.0	41-161		13.5	30	
1,2,4-Trimethylbenzene	9.51		"	10.0	0.310	92.0	72-129		7.98	30	
1,2-Dibromo-3-chloropropane	11.2		"	10.0	0.00	112	31-151		6.27	30	
1,2-Dibromoethane	12.6		"	10.0	0.00	126	75-125	High Bias	10.5	30	
1,2-Dichlorobenzene	10.4		"	10.0	0.00	104	63-122		10.8	30	
1,2-Dichloroethane	12.6		"	10.0	0.00	126	68-131		4.95	30	
1,2-Dichloropropane	11.3		"	10.0	0.00	113	77-121		10.2	30	
1,3,5-Trimethylbenzene	9.83		"	10.0	0.200	96.3	69-126		8.70	30	
1,3-Dichlorobenzene	9.50		"	10.0	0.00	95.0	74-119		9.94	30	
1,3-Dichloropropane	11.9		"	10.0	0.00	119	77-119		10.0	30	
1,4-Dichlorobenzene	9.47		"	10.0	0.00	94.7	70-124		11.0	30	
1,4-Dioxane	288		"	210	0.00	137	10-310		36.9	30	Non-dir.
2-Butanone	11.6		"	10.0	0.00	116	10-193		25.2	30	
2-Hexanone	13.2		"	10.0	0.00	132	53-133		9.12	30	
4-Methyl-2-pentanone	12.0		"	10.0	0.00	120	38-150		6.20	30	
Acetone	17.8		"	10.0	0.00	178	13-149	High Bias	1.70	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	Limit	Flag

Batch BF41450 - EPA 5030B

Matrix Spike Dup (BF41450-MSD1)	*Source sample: 24F1201-02 (GW-5S)				Prepared: 06/20/2024 Analyzed: 06/21/2024						
Acrolein	5.28		ug/L	10.0	0.00	52.8	10-195		15.3	30	
Acrylonitrile	11.7		"	10.0	0.00	117	37-165		6.26	30	
Benzene	11.5		"	10.0	0.00	115	38-155		8.99	30	
Bromochloromethane	11.6		"	10.0	0.00	116	75-121		3.34	30	
Bromodichloromethane	11.3		"	10.0	0.00	113	70-129		10.0	30	
Bromoform	11.9		"	10.0	0.00	119	66-136		9.99	30	
Bromomethane	7.30		"	10.0	0.00	73.0	30-158		14.9	30	
Carbon disulfide	10.9		"	10.0	0.00	109	10-138		7.73	30	
Carbon tetrachloride	12.1		"	10.0	0.00	121	71-146		4.49	30	
Chlorobenzene	11.6		"	10.0	0.340	113	81-117		10.4	30	
Chloroethane	10.9		"	10.0	0.00	109	51-145		2.04	30	
Chloroform	11.8		"	10.0	0.00	118	80-124		5.58	30	
Chloromethane	7.28		"	10.0	0.00	72.8	16-163		3.92	30	
cis-1,2-Dichloroethylene	10.6		"	10.0	0.00	106	76-125		6.65	30	
cis-1,3-Dichloropropylene	9.83		"	10.0	0.00	98.3	58-131		9.48	30	
Cyclohexane	15.9		"	10.0	0.00	159	70-130	High Bias	4.05	30	
Dibromochloromethane	12.1		"	10.0	0.00	121	71-129		10.6	30	
Dibromomethane	11.7		"	10.0	0.00	117	76-120		8.63	30	
Dichlorodifluoromethane	5.89		"	10.0	0.00	58.9	30-147		7.67	30	
Ethyl Benzene	11.9		"	10.0	0.630	113	72-128		8.58	30	
Hexachlorobutadiene	7.77		"	10.0	0.00	77.7	34-166		5.96	30	
Isopropylbenzene	11.9		"	10.0	2.08	98.3	66-139		9.59	30	
Methyl acetate	9.40		"	10.0	0.00	94.0	10-200		5.35	30	
Methyl tert-butyl ether (MTBE)	12.7		"	10.0	0.00	127	75-128		8.11	30	
Methylcyclohexane	10.6		"	10.0	0.00	106	70-130		11.3	30	
Methylene chloride	11.1		"	10.0	0.00	111	57-128		4.69	30	
Naphthalene	11.3		"	10.0	0.520	108	39-158		13.6	30	
n-Butylbenzene	8.68		"	10.0	0.00	86.8	61-138		9.28	30	
n-Propylbenzene	11.1		"	10.0	2.15	89.7	66-134		6.60	30	
o-Xylene	11.4		"	10.0	0.140	113	69-126		8.30	30	
p- & m- Xylenes	24.4		"	20.0	2.15	111	67-130		10.2	30	
p-Diethylbenzene	9.57		"	10.0	1.09	84.8	52-150		8.95	30	
p-Ethyltoluene	9.96		"	10.0	0.00	99.6	76-127		7.72	30	
p-Isopropyltoluene	8.89		"	10.0	0.00	88.9	64-137		9.05	30	
sec-Butylbenzene	10.7		"	10.0	1.49	92.0	53-155		8.59	30	
Styrene	11.0		"	10.0	0.00	110	69-125		10.4	30	
tert-Butyl alcohol (TBA)	62.8		"	50.0	0.00	126	10-130		7.95	30	
tert-Butylbenzene	8.72		"	10.0	0.210	85.1	65-139		9.62	30	
Tetrachloroethylene	10.2		"	10.0	0.00	102	64-139		9.49	30	
Toluene	11.4		"	10.0	0.00	114	76-123		10.2	30	
trans-1,2-Dichloroethylene	11.3		"	10.0	0.00	113	79-131		5.94	30	
trans-1,3-Dichloropropylene	9.96		"	10.0	0.00	99.6	55-130		9.24	30	
Trichloroethylene	11.0		"	10.0	0.00	110	53-145		9.20	30	
Trichlorofluoromethane	13.5		"	10.0	0.00	135	61-142		2.70	30	
Vinyl Chloride	9.65		"	10.0	0.00	96.5	31-165		5.21	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	11.5		"	10.0		115	69-130				
Surrogate: SURR: Toluene-d8	10.1		"	10.0		101	81-117				
Surrogate: SURR: p-Bromofluorobenzene	8.95		"	10.0		89.5	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF41560 - EPA 5030B											
Blank (BF41560-BLK1)										Prepared & Analyzed: 06/24/2024	
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BF41560 - EPA 5030B

Blank (BF41560-BLK1)

Prepared & Analyzed: 06/24/2024

Methylene chloride	ND	2.00	ug/L
Naphthalene	ND	2.00	"
n-Butylbenzene	ND	0.500	"
n-Propylbenzene	ND	0.500	"
o-Xylene	ND	0.500	"
p- & m- Xylenes	ND	1.00	"
p-Diethylbenzene	ND	0.500	"
p-Ethyltoluene	ND	0.500	"
p-Isopropyltoluene	ND	0.500	"
sec-Butylbenzene	ND	0.500	"
Styrene	ND	0.500	"
tert-Butyl alcohol (TBA)	ND	1.00	"
tert-Butylbenzene	ND	0.500	"
Tetrachloroethylene	ND	0.500	"
Toluene	ND	0.500	"
trans-1,2-Dichloroethylene	ND	0.500	"
trans-1,3-Dichloropropylene	ND	0.500	"
Trichloroethylene	ND	0.500	"
Trichlorofluoromethane	ND	0.500	"
Vinyl Chloride	ND	0.500	"
Xylenes, Total	ND	1.50	"

Surrogate: SURR: 1,2-Dichloroethane-d4	9.91	"	10.0	99.1	69-130
Surrogate: SURR: Toluene-d8	9.26	"	10.0	92.6	81-117
Surrogate: SURR: p-Bromofluorobenzene	9.04	"	10.0	90.4	79-122

LCS (BF41560-BS1)

Prepared & Analyzed: 06/24/2024

1,1,1,2-Tetrachloroethane	10.1	ug/L	10.0	101	82-126
1,1,1-Trichloroethane	11.8	"	10.0	118	78-136
1,1,2,2-Tetrachloroethane	10.4	"	10.0	104	76-129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	14.1	"	10.0	141	54-165
1,1,2-Trichloroethane	10.7	"	10.0	107	82-123
1,1-Dichloroethane	12.0	"	10.0	120	82-129
1,1-Dichloroethylene	13.7	"	10.0	137	68-138
1,2,3-Trichlorobenzene	8.83	"	10.0	88.3	76-136
1,2,3-Trichloropropane	10.4	"	10.0	104	77-128
1,2,4-Trichlorobenzene	9.30	"	10.0	93.0	76-137
1,2,4-Trimethylbenzene	10.5	"	10.0	105	82-132
1,2-Dibromo-3-chloropropane	9.09	"	10.0	90.9	45-147
1,2-Dibromoethane	10.8	"	10.0	108	83-124
1,2-Dichlorobenzene	10.3	"	10.0	103	79-123
1,2-Dichloroethane	11.1	"	10.0	111	73-132
1,2-Dichloropropane	10.8	"	10.0	108	78-126
1,3,5-Trimethylbenzene	11.0	"	10.0	110	80-131
1,3-Dichlorobenzene	10.3	"	10.0	103	86-122
1,3-Dichloropropane	10.4	"	10.0	104	81-125
1,4-Dichlorobenzene	10.2	"	10.0	102	85-124
1,4-Dioxane	167	"	210	79.6	10-349
2-Butanone	6.36	"	10.0	63.6	49-152
2-Hexanone	9.71	"	10.0	97.1	51-146
4-Methyl-2-pentanone	8.48	"	10.0	84.8	57-145



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BF41560 - EPA 5030B

LCS (BF41560-BS1)

Prepared & Analyzed: 06/24/2024

Acetone	10.8		ug/L	10.0		108	14-150				
Acrolein	3.87		"	10.0		38.7	10-153				
Acrylonitrile	11.8		"	10.0		118	51-150				
Benzene	12.6		"	10.0		126	85-126				
Bromochloromethane	11.0		"	10.0		110	77-128				
Bromodichloromethane	9.75		"	10.0		97.5	79-128				
Bromoform	9.82		"	10.0		98.2	78-133				
Bromomethane	5.11		"	10.0		51.1	43-168				
Carbon disulfide	15.1		"	10.0		151	68-146	High Bias			
Carbon tetrachloride	11.8		"	10.0		118	77-141				
Chlorobenzene	11.0		"	10.0		110	88-120				
Chloroethane	11.5		"	10.0		115	65-136				
Chloroform	11.8		"	10.0		118	82-128				
Chloromethane	10.5		"	10.0		105	43-155				
cis-1,2-Dichloroethylene	11.9		"	10.0		119	83-129				
cis-1,3-Dichloropropylene	10.5		"	10.0		105	80-131				
Cyclohexane	5.45		"	10.0		54.5	63-149	Low Bias			
Dibromochloromethane	10.3		"	10.0		103	80-130				
Dibromomethane	10.2		"	10.0		102	72-134				
Dichlorodifluoromethane	16.2		"	10.0		162	44-144	High Bias			
Ethyl Benzene	11.3		"	10.0		113	80-131				
Hexachlorobutadiene	9.12		"	10.0		91.2	67-146				
Isopropylbenzene	10.7		"	10.0		107	76-140				
Methyl acetate	10.7		"	10.0		107	51-139				
Methyl tert-butyl ether (MTBE)	11.8		"	10.0		118	76-135				
Methylcyclohexane	11.2		"	10.0		112	72-143				
Methylene chloride	11.3		"	10.0		113	55-137				
Naphthalene	9.14		"	10.0		91.4	70-147				
n-Butylbenzene	10.1		"	10.0		101	79-132				
n-Propylbenzene	10.5		"	10.0		105	78-133				
o-Xylene	11.0		"	10.0		110	78-130				
p- & m- Xylenes	22.2		"	20.0		111	77-133				
p-Diethylbenzene	10.2		"	10.0		102	84-134				
p-Ethyltoluene	11.7		"	10.0		117	88-129				
p-Isopropyltoluene	10.5		"	10.0		105	81-136				
sec-Butylbenzene	10.5		"	10.0		105	79-137				
Styrene	10.9		"	10.0		109	67-132				
tert-Butyl alcohol (TBA)	51.4		"	50.0		103	25-162				
tert-Butylbenzene	9.21		"	10.0		92.1	77-138				
Tetrachloroethylene	11.2		"	10.0		112	82-131				
Toluene	11.4		"	10.0		114	80-127				
trans-1,2-Dichloroethylene	12.3		"	10.0		123	80-132				
trans-1,3-Dichloropropylene	10.0		"	10.0		100	78-131				
Trichloroethylene	10.7		"	10.0		107	82-128				
Trichlorofluoromethane	13.5		"	10.0		135	67-139				
Vinyl Chloride	12.2		"	10.0		122	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	9.39		"	10.0		93.9	69-130				
Surrogate: SURR: Toluene-d8	9.50		"	10.0		95.0	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.81		"	10.0		98.1	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	Limit	Flag
Batch BF41560 - EPA 5030B											
LCS Dup (BF41560-BSD1)						Prepared & Analyzed: 06/24/2024					
1,1,1,2-Tetrachloroethane	9.85		ug/L	10.0		98.5	82-126		2.90	30	
1,1,1-Trichloroethane	11.0		"	10.0		110	78-136		6.74	30	
1,1,2,2-Tetrachloroethane	10.6		"	10.0		106	76-129		1.14	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.8		"	10.0		128	54-165		9.96	30	
1,1,2-Trichloroethane	10.9		"	10.0		109	82-123		2.12	30	
1,1-Dichloroethane	11.2		"	10.0		112	82-129		6.62	30	
1,1-Dichloroethylene	12.7		"	10.0		127	68-138		7.60	30	
1,2,3-Trichlorobenzene	8.72		"	10.0		87.2	76-136		1.25	30	
1,2,3-Trichloropropane	10.5		"	10.0		105	77-128		1.34	30	
1,2,4-Trichlorobenzene	8.90		"	10.0		89.0	76-137		4.40	30	
1,2,4-Trimethylbenzene	9.36		"	10.0		93.6	82-132		11.9	30	
1,2-Dibromo-3-chloropropane	9.34		"	10.0		93.4	45-147		2.71	30	
1,2-Dibromoethane	11.0		"	10.0		110	83-124		1.92	30	
1,2-Dichlorobenzene	9.47		"	10.0		94.7	79-123		8.01	30	
1,2-Dichloroethane	11.1		"	10.0		111	73-132		0.00	30	
1,2-Dichloropropane	10.3		"	10.0		103	78-126		5.12	30	
1,3,5-Trimethylbenzene	9.76		"	10.0		97.6	80-131		11.7	30	
1,3-Dichlorobenzene	9.32		"	10.0		93.2	86-122		9.99	30	
1,3-Dichloropropane	10.5		"	10.0		105	81-125		1.15	30	
1,4-Dichlorobenzene	9.27		"	10.0		92.7	85-124		9.75	30	
1,4-Dioxane	201		"	210		95.6	10-349		18.3	30	
2-Butanone	11.8		"	10.0		118	49-152		60.1	30	Non-dir.
2-Hexanone	10.5		"	10.0		105	51-146		7.44	30	
4-Methyl-2-pentanone	9.38		"	10.0		93.8	57-145		10.1	30	
Acetone	12.7		"	10.0		127	14-150		16.2	30	
Acrolein	4.50		"	10.0		45.0	10-153		15.1	30	
Acrylonitrile	12.4		"	10.0		124	51-150		4.63	30	
Benzene	12.0		"	10.0		120	85-126		4.95	30	
Bromochloromethane	11.0		"	10.0		110	77-128		0.819	30	
Bromodichloromethane	9.34		"	10.0		93.4	79-128		4.30	30	
Bromoform	10.3		"	10.0		103	78-133		4.58	30	
Bromomethane	5.28		"	10.0		52.8	43-168		3.27	30	
Carbon disulfide	13.9		"	10.0		139	68-146		8.19	30	
Carbon tetrachloride	10.9		"	10.0		109	77-141		7.78	30	
Chlorobenzene	10.3		"	10.0		103	88-120		7.32	30	
Chloroethane	10.7		"	10.0		107	65-136		7.31	30	
Chloroform	11.1		"	10.0		111	82-128		6.90	30	
Chloromethane	9.34		"	10.0		93.4	43-155		11.5	30	
cis-1,2-Dichloroethylene	10.9		"	10.0		109	83-129		8.67	30	
cis-1,3-Dichloropropylene	10.1		"	10.0		101	80-131		3.68	30	
Cyclohexane	5.04		"	10.0		50.4	63-149	Low Bias	7.82	30	
Dibromochloromethane	10.3		"	10.0		103	80-130		0.292	30	
Dibromomethane	10.2		"	10.0		102	72-134		0.196	30	
Dichlorodifluoromethane	14.8		"	10.0		148	44-144	High Bias	9.04	30	
Ethyl Benzene	10.5		"	10.0		105	80-131		7.53	30	
Hexachlorobutadiene	9.04		"	10.0		90.4	67-146		0.881	30	
Isopropylbenzene	9.40		"	10.0		94.0	76-140		13.0	30	
Methyl acetate	11.6		"	10.0		116	51-139		7.91	30	
Methyl tert-butyl ether (MTBE)	12.3		"	10.0		123	76-135		3.82	30	
Methylcyclohexane	10.3		"	10.0		103	72-143		7.91	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BF41560 - EPA 5030B

LCS Dup (BF41560-BSD1)

Prepared & Analyzed: 06/24/2024

Methylene chloride	10.9		ug/L	10.0		109	55-137		3.77	30	
Naphthalene	9.32		"	10.0		93.2	70-147		1.95	30	
n-Butylbenzene	8.99		"	10.0		89.9	79-132		11.2	30	
n-Propylbenzene	9.17		"	10.0		91.7	78-133		13.5	30	
o-Xylene	10.2		"	10.0		102	78-130		7.47	30	
p- & m- Xylenes	20.7		"	20.0		104	77-133		6.72	30	
p-Diethylbenzene	9.20		"	10.0		92.0	84-134		10.4	30	
p-Ethyltoluene	10.3		"	10.0		103	88-129		12.4	30	
p-Isopropyltoluene	9.52		"	10.0		95.2	81-136		10.1	30	
sec-Butylbenzene	9.24		"	10.0		92.4	79-137		12.7	30	
Styrene	10.3		"	10.0		103	67-132		5.84	30	
tert-Butyl alcohol (TBA)	57.6		"	50.0		115	25-162		11.4	30	
tert-Butylbenzene	8.09		"	10.0		80.9	77-138		12.9	30	
Tetrachloroethylene	10.4		"	10.0		104	82-131		7.41	30	
Toluene	10.6		"	10.0		106	80-127		7.43	30	
trans-1,2-Dichloroethylene	11.3		"	10.0		113	80-132		8.53	30	
trans-1,3-Dichloropropylene	10.0		"	10.0		100	78-131		0.00	30	
Trichloroethylene	9.79		"	10.0		97.9	82-128		8.79	30	
Trichlorofluoromethane	12.6		"	10.0		126	67-139		6.92	30	
Vinyl Chloride	11.1		"	10.0		111	58-145		9.49	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	9.87		"	10.0		98.7	69-130				
Surrogate: SURR: Toluene-d8	9.52		"	10.0		95.2	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.13		"	10.0		91.3	79-122				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BF41330 - EPA 3510C

Blank (BF41330-BLK1)

Prepared: 06/20/2024 Analyzed: 06/21/2024

1,1-Biphenyl	ND	5.00	ug/L
1,2,4,5-Tetrachlorobenzene	ND	5.00	"
1,2,4-Trichlorobenzene	ND	5.00	"
1,2-Dichlorobenzene	ND	5.00	"
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"
1,3-Dichlorobenzene	ND	5.00	"
1,4-Dichlorobenzene	ND	5.00	"
2,3,4,6-Tetrachlorophenol	ND	5.00	"
2,4,5-Trichlorophenol	ND	5.00	"
2,4,6-Trichlorophenol	ND	5.00	"
2,4-Dichlorophenol	ND	5.00	"
2,4-Dimethylphenol	ND	5.00	"
2,4-Dinitrophenol	ND	5.00	"
2,4-Dinitrotoluene	ND	5.00	"
2,6-Dinitrotoluene	ND	5.00	"
2-Chloronaphthalene	ND	5.00	"
2-Chlorophenol	ND	5.00	"
2-Methylnaphthalene	ND	5.00	"
2-Methylphenol	ND	5.00	"
2-Nitroaniline	ND	5.00	"
2-Nitrophenol	ND	5.00	"
3- & 4-Methylphenols	ND	5.00	"
3,3-Dichlorobenzidine	ND	5.00	"
3-Nitroaniline	ND	5.00	"
4,6-Dinitro-2-methylphenol	ND	5.00	"
4-Bromophenyl phenyl ether	ND	5.00	"
4-Chloro-3-methylphenol	ND	5.00	"
4-Chloroaniline	ND	5.00	"
4-Chlorophenyl phenyl ether	ND	5.00	"
4-Nitroaniline	ND	5.00	"
4-Nitrophenol	ND	5.00	"
Acetophenone	ND	5.00	"
Aniline	ND	5.00	"
Benzaldehyde	ND	5.00	"
Benzidine	ND	5.00	"
Benzoic acid	ND	5.00	"
Benzyl alcohol	ND	5.00	"
Benzyl butyl phthalate	ND	5.00	"
Bis(2-chloroethoxy)methane	ND	5.00	"
Bis(2-chloroethyl)ether	ND	5.00	"
Bis(2-chloroisopropyl)ether	ND	5.00	"
Caprolactam	ND	5.00	"
Carbazole	ND	5.00	"
Dibenzofuran	ND	5.00	"
Diethyl phthalate	ND	5.00	"
Dimethyl phthalate	ND	5.00	"
Di-n-butyl phthalate	ND	5.00	"
Di-n-octyl phthalate	ND	5.00	"
Hexachlorocyclopentadiene	ND	10.0	"
Isophorone	ND	5.00	"
N-nitroso-di-n-propylamine	ND	5.00	"



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BF41330 - EPA 3510C

Blank (BF41330-BLK1)

Prepared: 06/20/2024 Analyzed: 06/21/2024

N-Nitrosodiphenylamine	ND	5.00	ug/L								
Phenol	ND	5.00	"								
Pyridine	ND	5.00	"								
Surrogate: SURR: 2-Fluorophenol	31.3		"	50.0		62.6	19.7-63.1				
Surrogate: SURR: Phenol-d6	18.8		"	50.0		37.7	10.1-41.7				
Surrogate: SURR: Nitrobenzene-d5	27.6		"	25.0		110	50.2-113				
Surrogate: SURR: 2-Fluorobiphenyl	24.5		"	25.0		98.1	39.9-105				
Surrogate: SURR: 2,4,6-Tribromophenol	80.2		"	50.0		160	39.3-151				
Surrogate: SURR: Terphenyl-d14	31.6		"	25.0		126	30.7-106				

Blank (BF41330-BLK3)

Prepared: 06/20/2024 Analyzed: 06/25/2024

Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BF41330 - EPA 3510C

LCS (BF41330-BS1)

Prepared: 06/20/2024 Analyzed: 06/21/2024

1,1-Biphenyl	23.5	5.00	ug/L	25.0		94.1	33-95				
1,2,4,5-Tetrachlorobenzene	21.8	5.00	"	25.0		87.4	26-120				
1,2,4-Trichlorobenzene	18.5	5.00	"	25.0		73.9	20-118				
1,2-Dichlorobenzene	15.1	5.00	"	25.0		60.6	29-111				
1,2-Diphenylhydrazine (as Azobenzene)	29.2	5.00	"	25.0		117	16-141				
1,3-Dichlorobenzene	13.2	5.00	"	25.0		52.9	23-117				
1,4-Dichlorobenzene	14.4	5.00	"	25.0		57.6	30-105				
2,3,4,6-Tetrachlorophenol	37.4	5.00	"	25.0		150	30-130	High Bias			
2,4,5-Trichlorophenol	35.8	5.00	"	25.0		143	32-114	High Bias			
2,4,6-Trichlorophenol	38.2	5.00	"	25.0		153	35-118	High Bias			
2,4-Dichlorophenol	34.8	5.00	"	25.0		139	25-116	High Bias			
2,4-Dimethylphenol	21.3	5.00	"	25.0		85.2	15-116				
2,4-Dinitrophenol	64.3	5.00	"	25.0		257	10-170	High Bias			
2,4-Dinitrotoluene	34.6	5.00	"	25.0		138	41-128	High Bias			
2,6-Dinitrotoluene	34.0	5.00	"	25.0		136	45-116	High Bias			
2-Chloronaphthalene	22.6	5.00	"	25.0		90.2	33-112				
2-Chlorophenol	27.2	5.00	"	25.0		109	15-120				
2-Methylnaphthalene	23.1	5.00	"	25.0		92.4	24-118				
2-Methylphenol	12.9	5.00	"	25.0		51.4	10-110				
2-Nitroaniline	28.6	5.00	"	25.0		114	34-129				
2-Nitrophenol	40.7	5.00	"	25.0		163	28-118	High Bias			
3- & 4-Methylphenols	20.5	5.00	"	25.0		81.9	10-107				
3,3-Dichlorobenzidine	18.3	5.00	"	25.0		73.0	15-187				
3-Nitroaniline	20.0	5.00	"	25.0		79.9	24-134				
4,6-Dinitro-2-methylphenol	63.4	5.00	"	25.0		254	10-153	High Bias			
4-Bromophenyl phenyl ether	30.3	5.00	"	25.0		121	34-120	High Bias			
4-Chloro-3-methylphenol	31.4	5.00	"	25.0		126	20-120	High Bias			
4-Chloroaniline	13.9	5.00	"	25.0		55.4	10-147				
4-Chlorophenyl phenyl ether	27.5	5.00	"	25.0		110	27-121				
4-Nitroaniline	22.1	5.00	"	25.0		88.5	13-134				
4-Nitrophenol	17.7	5.00	"	25.0		70.8	10-131				
Acetophenone	28.0	5.00	"	25.0		112	25-110	High Bias			
Aniline	30.6	5.00	"	25.0		122	10-117	High Bias			
Benzaldehyde	21.0	5.00	"	25.0		84.0	29-117				
Benzoic acid	16.0	5.00	"	25.0		64.2	30-130				
Benzyl alcohol	20.1	5.00	"	25.0		80.6	10-117				
Benzyl butyl phthalate	25.8	5.00	"	25.0		103	29-133				
Bis(2-chloroethoxy)methane	30.7	5.00	"	25.0		123	10-154				
Bis(2-chloroethyl)ether	29.3	5.00	"	25.0		117	17-125				
Bis(2-chloroisopropyl)ether	32.0	5.00	"	25.0		128	10-139				
Caprolactam	4.48	5.00	"	25.0		17.9	10-137				
Carbazole	27.3	5.00	"	25.0		109	42-126				
Dibenzofuran	26.3	5.00	"	25.0		105	36-113				
Diethyl phthalate	25.7	5.00	"	25.0		103	38-115				
Dimethyl phthalate	26.8	5.00	"	25.0		107	38-129				
Di-n-butyl phthalate	25.5	5.00	"	25.0		102	31-120				
Di-n-octyl phthalate	25.7	5.00	"	25.0		103	21-149				
Hexachlorocyclopentadiene	6.66	10.0	"	25.0		26.6	10-130				
Isophorone	31.4	5.00	"	25.0		126	25-127				
N-nitroso-di-n-propylamine	29.4	5.00	"	25.0		118	26-122				
N-Nitrosodiphenylamine	32.5	5.00	"	25.0		130	23-149				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BF41330 - EPA 3510C

LCS (BF41330-BS1)

Prepared: 06/20/2024 Analyzed: 06/21/2024

Phenol	12.5	5.00	ug/L	25.0		50.0	10-110				
Pyridine	4.05	5.00	"	35.0		11.6	10-90				
Surrogate: SURR: 2-Fluorophenol	33.0		"	50.0		66.0	19.7-63.1				
Surrogate: SURR: Phenol-d6	20.8		"	50.0		41.7	10.1-41.7				
Surrogate: SURR: Nitrobenzene-d5	30.6		"	25.0		122	50.2-113				
Surrogate: SURR: 2-Fluorobiphenyl	26.8		"	25.0		107	39.9-105				
Surrogate: SURR: 2,4,6-Tribromophenol	90.8		"	50.0		182	39.3-151				
Surrogate: SURR: Terphenyl-d14	32.7		"	25.0		131	30.7-106				

LCS (BF41330-BS2)

Prepared: 06/20/2024 Analyzed: 06/24/2024

Acenaphthene	0.820	0.0500	ug/L				25-116				
Acenaphthylene	0.990	0.0500	"				26-116				
Anthracene	0.470	0.0500	"				25-123				
Benzo(a)anthracene	0.830	0.0500	"				33-125				
Benzo(a)pyrene	0.590	0.0500	"				32-132				
Benzo(b)fluoranthene	1.01	0.0500	"				22-137				
Benzo(g,h,i)perylene	0.910	0.0500	"				10-138				
Benzo(k)fluoranthene	0.980	0.0500	"				20-137				
Bis(2-ethylhexyl)phthalate	1.51	0.500	"				10-189				
Chrysene	0.820	0.0500	"				32-124				
Dibenzo(a,h)anthracene	0.860	0.0500	"				16-133				
Fluoranthene	1.12	0.0500	"				32-121				
Fluorene	0.910	0.0500	"				28-118				
Hexachlorobenzene	1.25	0.0200	"				23-124				
Hexachlorobutadiene	0.740	0.500	"				15-123				
Hexachloroethane	4.28	0.500	"				18-115				
Indeno(1,2,3-cd)pyrene	0.780	0.0500	"				15-135				
Naphthalene	0.850	0.0500	"				18-120				
Nitrobenzene	0.720	0.250	"				21-121				
N-Nitrosodimethylamine	ND	0.500	"				10-124				
Pentachlorophenol	2.11	0.250	"				10-156				
Phenanthrene	0.890	0.0500	"				24-127				
Pyrene	0.920	0.0500	"				31-132				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BF41330 - EPA 3510C

Matrix Spike (BF41330-MS1)	*Source sample: 24F1270-06 (Matrix Spike)						Prepared: 06/20/2024 Analyzed: 06/21/2024				
1,1-Biphenyl	26.3	5.00	ug/L	25.0	ND	105	26-79	High Bias			
1,2,4,5-Tetrachlorobenzene	27.9	5.00	"	25.0	ND	112	33-90	High Bias			
1,2,4-Trichlorobenzene	25.5	5.00	"	25.0	ND	102	31-88	High Bias			
1,2-Dichlorobenzene	20.6	5.00	"	25.0	ND	82.2	24-93				
1,2-Diphenylhydrazine (as Azobenzene)	28.8	5.00	"	25.0	ND	115	21-107	High Bias			
1,3-Dichlorobenzene	19.1	5.00	"	25.0	ND	76.5	28-86				
1,4-Dichlorobenzene	20.1	5.00	"	25.0	ND	80.4	25-85				
2,3,4,6-Tetrachlorophenol	35.6	5.00	"	25.0	ND	142	30-130	High Bias			
2,4,5-Trichlorophenol	35.2	5.00	"	25.0	ND	141	43-96	High Bias			
2,4,6-Trichlorophenol	37.6	5.00	"	25.0	ND	150	46-94	High Bias			
2,4-Dichlorophenol	33.2	5.00	"	25.0	ND	133	26-101	High Bias			
2,4-Dimethylphenol	19.8	5.00	"	25.0	ND	79.1	10-104				
2,4-Dinitrophenol	74.7	5.00	"	25.0	ND	299	10-146	High Bias			
2,4-Dinitrotoluene	32.6	5.00	"	25.0	ND	130	30-108	High Bias			
2,6-Dinitrotoluene	32.6	5.00	"	25.0	ND	130	38-98	High Bias			
2-Chloronaphthalene	25.7	5.00	"	25.0	ND	103	30-89	High Bias			
2-Chlorophenol	26.0	5.00	"	25.0	ND	104	24-98	High Bias			
2-Methylnaphthalene	27.2	5.00	"	25.0	ND	109	10-112				
2-Methylphenol	10.3	5.00	"	25.0	ND	41.0	10-134				
2-Nitroaniline	27.9	5.00	"	25.0	ND	112	25-110	High Bias			
2-Nitrophenol	39.2	5.00	"	25.0	ND	157	10-139	High Bias			
3- & 4-Methylphenols	18.1	5.00	"	25.0	ND	72.2	10-91				
3,3-Dichlorobenzidine	6.27	5.00	"	25.0	ND	25.1	10-140				
3-Nitroaniline	18.1	5.00	"	25.0	ND	72.6	22-111				
4,6-Dinitro-2-methylphenol	67.5	5.00	"	25.0	ND	270	10-140	High Bias			
4-Bromophenyl phenyl ether	30.6	5.00	"	25.0	ND	123	30-108	High Bias			
4-Chloro-3-methylphenol	29.4	5.00	"	25.0	ND	118	11-109	High Bias			
4-Chloroaniline	12.2	5.00	"	25.0	ND	48.7	10-116				
4-Chlorophenyl phenyl ether	28.1	5.00	"	25.0	ND	112	39-85	High Bias			
4-Nitroaniline	23.7	5.00	"	25.0	ND	94.7	11-132				
4-Nitrophenol	16.5	5.00	"	25.0	ND	66.0	10-82				
Acetophenone	26.8	5.00	"	25.0	ND	107	14-102	High Bias			
Aniline	31.1	5.00	"	25.0	ND	125	10-80	High Bias			
Benzaldehyde	21.5	5.00	"	25.0	ND	86.0	13-87				
Benzoic acid	19.4	5.00	"	25.0	ND	77.5	10-162				
Benzyl alcohol	16.0	5.00	"	25.0	ND	63.9	10-102				
Benzyl butyl phthalate	27.0	5.00	"	25.0	ND	108	10-133				
Bis(2-chloroethoxy)methane	29.5	5.00	"	25.0	ND	118	18-105	High Bias			
Bis(2-chloroethyl)ether	29.8	5.00	"	25.0	ND	119	10-108	High Bias			
Bis(2-chloroisopropyl)ether	33.0	5.00	"	25.0	ND	132	13-116	High Bias			
Caprolactam	2.86	5.00	"	25.0	ND	11.4	10-75				
Carbazole	27.4	5.00	"	25.0	ND	110	36-108	High Bias			
Dibenzofuran	27.0	5.00	"	25.0	ND	108	34-92	High Bias			
Diethyl phthalate	81.1	5.00	"	25.0	ND	324	33-98	High Bias			
Dimethyl phthalate	25.8	5.00	"	25.0	ND	103	18-116				
Di-n-butyl phthalate	25.8	5.00	"	25.0	ND	103	25-97	High Bias			
Di-n-octyl phthalate	26.5	5.00	"	25.0	ND	106	10-137				
Hexachlorocyclopentadiene	11.2	10.0	"	25.0	ND	44.6	10-79				
Isophorone	30.1	5.00	"	25.0	ND	121	25-103	High Bias			
N-nitroso-di-n-propylamine	28.4	5.00	"	25.0	ND	114	19-115				
N-Nitrosodiphenylamine	32.0	5.00	"	25.0	ND	128	31-112	High Bias			



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF41330 - EPA 3510C											
Matrix Spike (BF41330-MS1)		*Source sample: 24F1270-06 (Matrix Spike)						Prepared: 06/20/2024 Analyzed: 06/21/2024			
Phenol	10.7	5.00	ug/L	25.0	ND	42.8	10-61				
Pyridine	3.82	5.00	"	35.0	ND	10.9	10-78				
Surrogate: SURR: 2-Fluorophenol	29.1		"	50.0		58.3	19.7-63.1				
Surrogate: SURR: Phenol-d6	17.7		"	50.0		35.4	10.1-41.7				
Surrogate: SURR: Nitrobenzene-d5	30.2		"	25.0		121	50.2-113				
Surrogate: SURR: 2-Fluorobiphenyl	26.9		"	25.0		107	39.9-105				
Surrogate: SURR: 2,4,6-Tribromophenol	91.2		"	50.0		182	39.3-151				
Surrogate: SURR: Terphenyl-d14	31.2		"	25.0		125	30.7-106				
Matrix Spike Dup (BF41330-MSD1)		*Source sample: 24F1270-06 (Matrix Spike Dup)						Prepared: 06/20/2024 Analyzed: 06/21/2024			
1,1-Biphenyl	11.1	5.00	ug/L	25.0	ND	44.4	26-79		81.2	25	Non-dir.
1,2,4,5-Tetrachlorobenzene	12.6	5.00	"	25.0	ND	50.5	33-90		75.5	25	Non-dir.
1,2,4-Trichlorobenzene	13.5	5.00	"	25.0	ND	53.8	31-88		61.7	25	Non-dir.
1,2-Dichlorobenzene	10.9	5.00	"	25.0	ND	43.7	24-93		61.1	25	Non-dir.
1,2-Diphenylhydrazine (as Azobenzene)	11.5	5.00	"	25.0	ND	46.1	21-107		85.7	25	Non-dir.
1,3-Dichlorobenzene	10.7	5.00	"	25.0	ND	42.9	28-86		56.3	25	Non-dir.
1,4-Dichlorobenzene	11.1	5.00	"	25.0	ND	44.6	25-85		57.4	25	Non-dir.
2,3,4,6-Tetrachlorophenol	13.5	5.00	"	25.0	ND	53.9	30-130		90.1	25	Non-dir.
2,4,5-Trichlorophenol	13.6	5.00	"	25.0	ND	54.5	43-96		88.5	25	Non-dir.
2,4,6-Trichlorophenol	14.7	5.00	"	25.0	ND	58.8	46-94		87.6	25	Non-dir.
2,4-Dichlorophenol	13.4	5.00	"	25.0	ND	53.7	26-101		84.7	25	Non-dir.
2,4-Dimethylphenol	7.78	5.00	"	25.0	ND	31.1	10-104		87.0	25	Non-dir.
2,4-Dinitrophenol	22.9	5.00	"	25.0	ND	91.6	10-146		106	25	Non-dir.
2,4-Dinitrotoluene	11.5	5.00	"	25.0	ND	46.1	30-108		95.5	25	Non-dir.
2,6-Dinitrotoluene	12.4	5.00	"	25.0	ND	49.7	38-98		89.5	25	Non-dir.
2-Chloronaphthalene	11.1	5.00	"	25.0	ND	44.6	30-89		79.2	25	Non-dir.
2-Chlorophenol	11.0	5.00	"	25.0	ND	44.0	24-98		81.2	25	Non-dir.
2-Methylnaphthalene	12.1	5.00	"	25.0	ND	48.6	10-112		76.7	25	Non-dir.
2-Methylphenol	4.78	5.00	"	25.0	ND	19.1	10-134		72.9	25	Non-dir.
2-Nitroaniline	10.4	5.00	"	25.0	ND	41.6	25-110		91.4	25	Non-dir.
2-Nitrophenol	14.9	5.00	"	25.0	ND	59.6	10-139		89.8	25	Non-dir.
3- & 4-Methylphenols	6.94	5.00	"	25.0	ND	27.8	10-91		89.0	25	Non-dir.
3,3-Dichlorobenzidine	3.35	5.00	"	25.0	ND	13.4	10-140		60.7	25	Non-dir.
3-Nitroaniline	10.5	5.00	"	25.0	ND	42.0	22-111		53.4	25	Non-dir.
4,6-Dinitro-2-methylphenol	21.1	5.00	"	25.0	ND	84.4	10-140		105	25	Non-dir.
4-Bromophenyl phenyl ether	12.2	5.00	"	25.0	ND	48.9	30-108		85.9	25	Non-dir.
4-Chloro-3-methylphenol	11.7	5.00	"	25.0	ND	46.8	11-109		86.2	25	Non-dir.
4-Chloroaniline	9.68	5.00	"	25.0	ND	38.7	10-116		22.9	25	
4-Chlorophenyl phenyl ether	11.5	5.00	"	25.0	ND	45.9	39-85		83.9	25	Non-dir.
4-Nitroaniline	9.59	5.00	"	25.0	ND	38.4	11-132		84.7	25	Non-dir.
4-Nitrophenol	5.30	5.00	"	25.0	ND	21.2	10-82		103	25	Non-dir.
Acetophenone	10.3	5.00	"	25.0	ND	41.2	14-102		88.9	25	Non-dir.
Aniline	18.1	5.00	"	25.0	ND	72.2	10-80		53.1	25	Non-dir.
Benzaldehyde	10.7	5.00	"	25.0	ND	42.7	13-87		67.3	25	Non-dir.
Benzoic acid	6.32	5.00	"	25.0	ND	25.3	10-162		102	25	Non-dir.
Benzyl alcohol	7.36	5.00	"	25.0	ND	29.4	10-102		73.9	25	Non-dir.
Benzyl butyl phthalate	9.97	5.00	"	25.0	ND	39.9	10-133		92.0	25	Non-dir.
Bis(2-chloroethoxy)methane	12.5	5.00	"	25.0	ND	49.9	18-105		81.2	25	Non-dir.
Bis(2-chloroethyl)ether	17.3	5.00	"	25.0	ND	69.1	10-108		53.1	25	Non-dir.
Bis(2-chloroisopropyl)ether	13.9	5.00	"	25.0	ND	55.5	13-116		81.7	25	Non-dir.
Caprolactam	ND	5.00	"	25.0	ND		10-75	Low Bias		25	



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BF41330 - EPA 3510C

Matrix Spike Dup (BF41330-MSD1)	*Source sample: 24F1270-06 (Matrix Spike Dup)						Prepared: 06/20/2024 Analyzed: 06/21/2024				
Carbazole	11.3	5.00	ug/L	25.0	ND	45.1	36-108	High Bias	83.4	25	Non-dir.
Dibenzofuran	11.3	5.00	"	25.0	ND	45.3	34-92		81.9	25	Non-dir.
Diethyl phthalate	41.9	5.00	"	25.0	ND	168	33-98		63.7	25	Non-dir.
Dimethyl phthalate	10.1	5.00	"	25.0	ND	40.4	18-116		87.3	25	Non-dir.
Di-n-butyl phthalate	10.1	5.00	"	25.0	ND	40.4	25-97		87.3	25	Non-dir.
Di-n-octyl phthalate	9.66	5.00	"	25.0	ND	38.6	10-137		93.1	25	Non-dir.
Hexachlorocyclopentadiene	5.60	10.0	"	25.0	ND	22.4	10-79		66.3	25	Non-dir.
Isophorone	12.0	5.00	"	25.0	ND	48.0	25-103		86.1	25	Non-dir.
N-nitroso-di-n-propylamine	11.1	5.00	"	25.0	ND	44.4	19-115		87.6	25	Non-dir.
N-Nitrosodiphenylamine	13.2	5.00	"	25.0	ND	52.9	31-112		83.1	25	Non-dir.
Phenol	4.33	5.00	"	25.0	ND	17.3	10-61		84.7	25	Non-dir.
Pyridine	4.91	5.00	"	35.0	ND	14.0	10-78		25.0	25	
Surrogate: SURR: 2-Fluorophenol	12.6		"	50.0		25.2	19.7-63.1				
Surrogate: SURR: Phenol-d6	6.92		"	50.0		13.8	10.1-41.7				
Surrogate: SURR: Nitrobenzene-d5	13.6		"	25.0		54.5	50.2-113				
Surrogate: SURR: 2-Fluorobiphenyl	11.8		"	25.0		47.0	39.9-105				
Surrogate: SURR: 2,4,6-Tribromophenol	36.8		"	50.0		73.6	39.3-151				
Surrogate: SURR: Terphenyl-d14	15.8		"	25.0		63.1	30.7-106				



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

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BF41332 - EPA 3015A

Blank (BF41332-BLK1)

Prepared & Analyzed: 06/20/2024

Aluminum	ND	0.0556	mg/L
Barium	ND	0.0278	"
Calcium	ND	0.0556	"
Chromium	ND	0.00556	"
Cobalt	ND	0.00444	"
Copper	ND	0.0222	"
Iron	ND	0.278	"
Lead	ND	0.00556	"
Magnesium	ND	0.0556	"
Manganese	ND	0.00556	"
Nickel	ND	0.0111	"
Potassium	ND	0.0556	"
Silver	ND	0.00556	"
Sodium	ND	0.556	"
Vanadium	ND	0.0111	"
Zinc	ND	0.0278	"

LCS (BF41332-BS1)

Prepared & Analyzed: 06/20/2024

Aluminum	2.07	ug/mL	2.00	104	80-120
Barium	2.02	"	2.00	101	80-120
Calcium	1.11	"	1.00	111	80-120
Chromium	0.203	"	0.200	102	80-120
Cobalt	0.498	"	0.500	99.6	80-120
Copper	0.263	"	0.250	105	80-120
Iron	0.931	"	1.00	93.1	80-120
Lead	0.482	"	0.500	96.5	80-120
Magnesium	1.04	"	1.00	104	80-120
Manganese	0.504	"	0.500	101	80-120
Nickel	0.502	"	0.500	100	80-120
Potassium	0.850	"	1.00	85.0	80-120
Silver	0.0468	"	0.0500	93.6	80-120
Sodium	3.65	"	1.00	365	80-120
Vanadium	0.486	"	0.500	97.1	80-120
Zinc	0.480	"	0.500	95.9	80-120

High Bias



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

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BF41332 - EPA 3015A

Duplicate (BF41332-DUP1)		*Source sample: 24F1201-08 (EB-3)				Prepared & Analyzed: 06/20/2024					
Aluminum	ND	0.0556	mg/L		ND					20	
Barium	ND	0.0278	"		ND					20	
Calcium	0.271	0.0556	"		0.258				4.75	20	
Chromium	ND	0.00556	"		ND					20	
Cobalt	ND	0.00444	"		ND					20	
Copper	ND	0.0222	"		ND					20	
Iron	ND	0.278	"		ND					20	
Lead	ND	0.00556	"		ND					20	
Magnesium	ND	0.0556	"		ND					20	
Manganese	ND	0.00556	"		ND					20	
Nickel	ND	0.0111	"		ND					20	
Potassium	ND	0.0556	"		ND					20	
Silver	ND	0.00556	"		ND					20	
Sodium	ND	0.556	"		ND					20	
Vanadium	ND	0.0111	"		ND					20	
Zinc	ND	0.0278	"		ND					20	

Matrix Spike (BF41332-MS1)		*Source sample: 24F1201-08 (EB-3)				Prepared & Analyzed: 06/20/2024					
Aluminum	2.23	0.0556	mg/L	2.22	ND	100	75-125				
Barium	2.19	0.0278	"	2.22	ND	98.5	75-125				
Calcium	1.34	0.0556	"	1.11	0.258	97.5	75-125				
Chromium	0.220	0.00556	"	0.222	ND	98.9	75-125				
Cobalt	0.539	0.00444	"	0.556	ND	97.1	75-125				
Copper	0.284	0.0222	"	0.278	ND	102	75-125				
Iron	1.04	0.278	"	1.11	ND	94.0	75-125				
Lead	0.524	0.00556	"	0.556	ND	94.2	75-125				
Magnesium	1.14	0.0556	"	1.11	ND	103	75-125				
Manganese	0.547	0.00556	"	0.556	ND	98.5	75-125				
Nickel	0.545	0.0111	"	0.556	ND	98.2	75-125				
Potassium	0.847	0.0556	"	1.11	ND	76.2	75-125				
Silver	0.0509	0.00556	"	0.0556	ND	91.6	75-125				
Sodium	3.73	0.556	"	1.11	ND	335	75-125	High Bias			
Vanadium	0.526	0.0111	"	0.556	ND	94.7	75-125				
Zinc	0.541	0.0278	"	0.556	ND	97.4	75-125				



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

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BF41332 - EPA 3015A

Post Spike (BF41332-PS1)		*Source sample: 24F1201-08 (EB-3)					Prepared & Analyzed: 06/20/2024				
Aluminum	2.05		ug/mL	2.00	0.0150	102	75-125				
Barium	2.01		"	2.00	0.000600	100	75-125				
Calcium	1.21		"	1.00	0.232	98.0	75-125				
Chromium	0.202		"	0.200	0.00220	99.7	75-125				
Cobalt	0.496		"	0.500	-0.000200	99.1	75-125				
Copper	0.262		"	0.250	0.00560	102	75-125				
Iron	0.931		"	1.00	0.00140	92.9	75-125				
Lead	0.476		"	0.500	0.000500	95.2	75-125				
Magnesium	1.05		"	1.00	0.0307	102	75-125				
Manganese	0.501		"	0.500	0.000500	100	75-125				
Nickel	0.503		"	0.500	0.00	101	75-125				
Potassium	0.809		"	1.00	-0.164	80.9	75-125				
Silver	0.0537		"	0.0500	-0.000200	107	75-125				
Sodium	3.39		"	1.00	0.202	319	75-125	High Bias			
Vanadium	0.482		"	0.500	0.00	96.5	75-125				
Zinc	0.495		"	0.500	0.0224	94.5	75-125				



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

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BF41429 - EPA 3015A

Blank (BF41429-BLK1)

Prepared: 06/21/2024 Analyzed: 06/24/2024

Antimony	ND	1.11	ug/L
Arsenic	ND	1.11	"
Beryllium	ND	0.333	"
Cadmium	ND	0.556	"
Selenium	ND	1.11	"
Thallium	ND	1.11	"

LCS (BF41429-BS1)

Prepared: 06/21/2024 Analyzed: 06/24/2024

Antimony	50.6		ug/L	50.0		101	80-120
Arsenic	46.7		"	50.0		93.4	80-120
Beryllium	51.7		"	50.0		103	80-120
Cadmium	48.1		"	50.0		96.3	80-120
Selenium	54.5		"	50.0		109	80-120
Thallium	47.7		"	50.0		95.4	80-120

Duplicate (BF41429-DUP1)

*Source sample: 24F1367-01 (Duplicate)

Prepared: 06/21/2024 Analyzed: 06/24/2024

Antimony	ND	1.11	ug/L	ND			20
Arsenic	ND	1.11	"	ND			20
Beryllium	0.359	0.333	"	0.366		1.96	20
Cadmium	ND	0.556	"	ND			20
Selenium	1.49	1.11	"	ND			20
Thallium	ND	1.11	"	ND			20

Matrix Spike (BF41429-MS1)

*Source sample: 24F1367-01 (Matrix Spike)

Prepared: 06/21/2024 Analyzed: 06/24/2024

Antimony	52.0		ug/L	50.0	-0.115	104	75-125
Arsenic	49.8		"	50.0	0.739	98.2	75-125
Beryllium	49.7		"	50.0	0.329	98.8	75-125
Cadmium	52.5		"	50.0	0.079	105	75-125
Selenium	52.3		"	50.0	0.019	104	75-125
Thallium	45.1		"	50.0	0.019	90.2	75-125



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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF41528 - EPA SW846-7470A											
Blank (BF41528-BLK1)								Prepared & Analyzed: 06/24/2024			
Mercury	ND	0.0002	mg/L								
Blank (BF41528-BLK2)								Prepared & Analyzed: 06/24/2024			
Mercury	ND	0.0002	mg/L								
LCS (BF41528-BS1)								Prepared & Analyzed: 06/24/2024			
Mercury	0.0020519	0.0002	mg/L	0.00200		103	80-120				
LCS (BF41528-BS2)								Prepared & Analyzed: 06/24/2024			
Mercury	0.0021350	0.0002	mg/L	0.00200		107	80-120				



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24F1201-01	GW-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24F1201-02	GW-5S	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24F1201-03	GW-7 (7-12 ft)	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24F1201-04	GW-7 (15-20 ft)	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24F1201-05	GW-5A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24F1201-06	TB-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24F1201-07	EB-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24F1201-08	EB-3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24F1201-09	GW-12 (20-25ft)	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Sample and Data Qualifiers Relating to This Work Order

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.
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.
ICVE20	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 20% of expected value).
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	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).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)

Definitions and Other Explanations

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

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



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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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



YORK Project No.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 clientservices@yorklab.com www.yorklab.com 800-306-YORK

YOUR INFORMATION		Report To:		Invoice To:		YOUR Project Number		Turn-Around Time	
Company:		Company:		Company:		Company:		RUSH - Next Day	
Address:		Address:		Address:		Address:		RUSH - Two Day	
Phone:		Phone:		Phone:		Phone:		RUSH - Three Day	
Contact:		Contact:		Contact:		Contact:		RUSH - Four Day	
E-mail:		E-mail:		E-mail:		E-mail:		RUSH - Five Day	
DERMOOY CONSULTING		PETER DERMOOY		SAME		YOUR Project Name Elke		Standard (6-9 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)		PFAS Standard is 7-10 Days	
Samples Collected by: (print AND sign your name)		S - soil / solid		New York		Summary Report		YORK Reg. Comp.	
		GW - groundwater		New Jersey		QA Report		Compared to the following Regulation(s): (please fill in)	
		DW - drinking water		Connecticut		CMDP			
		WW - wastewater		Pennsylvania		Standard Excel EDD			
		O - Oil		Other:		NY ASP B Package			
Sample Identification		Sample Matrix		Date/Time Sampled		Analyses Requested		Container Type No.	
GW-2		GW		6/16/24		VOCs, SVOCs, PAHs, PCBs, PCP, DQ/DUE, NYSDEC EQUIP		VOCs, SVOCs, PAHs, PCBs, PCP, DQ/DUE, NYSDEC EQUIP	
GW-5S		↓		↓		VOCs		↓	
GW-5S MS						VOCs		↓	
GW-5S MSD						VOCs		↓	
GW-7 (7-12')						VOCs		↓	
GW-7 (15-20')						VOCs		↓	
GW-5A						VOCs		↓	
TB-1						VOCs		↓	
EB-2						VOCs		↓	
EB-3				6/17/24		VOCs, SVOCs, PAHs, PCBs, PCP, DQ/DUE, NYSDEC EQUIP		VOCs, SVOCs, PAHs, PCBs, PCP, DQ/DUE, NYSDEC EQUIP	
Comments:		Preservation: (check all that apply)		HCl ☒ MeOH ☐ HNO3 ☐ H2SO4 ☐ NaOH ☐		Special Instruction		Field Filtered	
		ZnAc ☐ Ascorbic Acid ☐ Other: ☐		Date/Time		Lab to Filter			
1. Samples Relinquished by / Company		Date/Time		Date/Time		Date/Time			
1. Samples Relinquished by / Company		11/17/24, 1130		Khanh 6/18/24 12pm		Khanh 6/18/24		17:10	
2. Samples Relinquished by / Company		Date/Time		Date/Time		Date/Time			
4. Samples Relinquished by / Company		Date/Time		Date/Time		Date/Time			
4. Samples Relinquished by / Company		Date/Time		Date/Time		Date/Time			



Technical Report

prepared for:

Dermody Consulting, Inc.

32 Chichester Ave., 2nd Floor

Center Moriches NY, 11934

Attention: Peter Dermody

Report Date: 06/25/2024

Client Project ID: Elka

York Project (SDG) No.: 24F1192

Stratford, CT Laboratory IDs:
NY:10854, NJ: CT005, PA: 68-0440, CT: PH-0723



Richmond Hill, NY Laboratory IDs:
NY:12058, NJ: NY037, CT: PH-0721, NH: 2097,
EPA: NY01600

120 RESEARCH DRIVE
www.YORKLAB.com

STRATFORD, CT 06615
(203) 325-1371



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

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 06/25/2024
Client Project ID: Elka
York Project (SDG) No.: 24F1192

Dermody Consulting, Inc.
32 Chichester Ave., 2nd Floor
Center Moriches NY, 11934
Attention: Peter Dermody

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on June 18, 2024 and listed below. The project was identified as your project: **Elka**.

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.

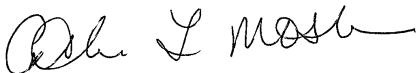
The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

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>
24F1192-01	SB-1 (0-6 in.)	Soil	06/17/2024	06/18/2024
24F1192-02	SB-2 (0-6 in.)	Soil	06/17/2024	06/18/2024
24F1192-03	SB-3 (0-6 in.)	Soil	06/17/2024	06/18/2024
24F1192-04	SB-4 (0-6 in.)	Soil	06/17/2024	06/18/2024
24F1192-05	SB-5 (0-6 in.)	Soil	06/17/2024	06/18/2024
24F1192-06	SB-6 (0-6 in.)	Soil	06/17/2024	06/18/2024
24F1192-07	SB-7 (0-6 in.)	Soil	06/17/2024	06/18/2024
24F1192-08	SB-8 (0-6 in.)	Soil	06/17/2024	06/18/2024
24F1192-09	SB-9 (0-6 in.)	Soil	06/17/2024	06/18/2024
24F1192-10	SB-10 (0-6 in.)	Soil	06/17/2024	06/18/2024
24F1192-11	TB-2	Water	06/17/2024	06/18/2024

General Notes for York Project (SDG) No.: 24F1192

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, NJ Cert No. CT005, PA Cert No. 68-04440, CT Cert No. PH-0723; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058, NJ Cert No. NY037, CT Cert No. PH-0721, NH Cert No. 2097, EPA Cert No. NY01600.

Approved By: 

Cassie L. Mosher
Laboratory Manager

Date: 06/25/2024





Sample Information

Client Sample ID: SB-1 (0-6 in.)

York Sample ID: 24F1192-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F1192

Elka

Soil

June 17, 2024 3:00 pm

06/18/2024

Volatiles, 8260 Comprehensive

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
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 14:54	ME
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 14:54	ME
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 14:54	ME
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 14:54	ME
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 14:54	ME
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 14:54	ME
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 14:54	ME
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 14:54	ME
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 14:54	ME
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 14:54	ME
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 14:54	ME
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 14:54	ME
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 14:54	ME
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 14:54	ME
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 14:54	ME
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 14:54	ME
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 14:54	ME
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 14:54	ME
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 14:54	ME
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 14:54	ME
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 14:54	ME
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.045	0.090	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 14:54	ME



Sample Information

Client Sample ID: SB-1 (0-6 in.)

York Sample ID: 24F1192-01

York Project (SDG) No.

24F1192

Client Project ID

Elka

Matrix

Soil

Collection Date/Time

June 17, 2024 3:00 pm

Date Received

06/18/2024

Volatiles, 8260 Comprehensive

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
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	06/20/2024 09:00	06/20/2024 14:54	ME
78-93-3	2-Butanone	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:00	06/20/2024 14:54	ME
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:00	06/20/2024 14:54	ME
591-78-6	2-Hexanone	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:00	06/20/2024 14:54	ME
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:00	06/20/2024 14:54	ME
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:00	06/20/2024 14:54	ME
67-64-1	Acetone	ND		mg/kg dry	0.0045	0.0090	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:00	06/20/2024 14:54	ME
107-02-8	Acrolein	ND		mg/kg dry	0.0045	0.0090	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:00	06/20/2024 14:54	ME
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:00	06/20/2024 14:54	ME
71-43-2	Benzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:00	06/20/2024 14:54	ME
108-86-1	Bromobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 09:00	06/20/2024 14:54	ME
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 09:00	06/20/2024 14:54	ME
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:00	06/20/2024 14:54	ME
75-25-2	Bromoform	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:00	06/20/2024 14:54	ME
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:00	06/20/2024 14:54	ME
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:00	06/20/2024 14:54	ME
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:00	06/20/2024 14:54	ME
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:00	06/20/2024 14:54	ME
75-00-3	Chloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:00	06/20/2024 14:54	ME
67-66-3	Chloroform	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:00	06/20/2024 14:54	ME
74-87-3	Chloromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:00	06/20/2024 14:54	ME
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:00	06/20/2024 14:54	ME
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:00	06/20/2024 14:54	ME



Sample Information

Client Sample ID: SB-1 (0-6 in.)

York Sample ID: 24F1192-01

York Project (SDG) No.

24F1192

Client Project ID

Elka

Matrix

Soil

Collection Date/Time

June 17, 2024 3:00 pm

Date Received

06/18/2024

Volatiles, 8260 Comprehensive

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
110-82-7	Cyclohexane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 14:54	ME
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 14:54	ME
74-95-3	Dibromomethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 14:54	ME
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 14:54	ME
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 14:54	ME
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 14:54	ME
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 14:54	ME
79-20-9	Methyl acetate	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 14:54	ME
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 14:54	ME
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 14:54	ME
75-09-2	Methylene chloride	ND		mg/kg dry	0.0045	0.0090	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 14:54	ME
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 14:54	ME
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 14:54	ME
95-47-6	o-Xylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 14:54	ME
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0045	0.0090	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 14:54	ME
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 14:54	ME
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 14:54	ME
100-42-5	Styrene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 14:54	ME
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 14:54	ME
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 14:54	ME
127-18-4	Tetrachloroethylene	ND	CCVE, QL-02	mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 14:54	ME
108-88-3	Toluene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 14:54	ME
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 14:54	ME



Sample Information

Client Sample ID: SB-1 (0-6 in.)

York Sample ID: 24F1192-01

York Project (SDG) No.

24F1192

Client Project ID

Elka

Matrix

Soil

Collection Date/Time

June 17, 2024 3:00 pm

Date Received

06/18/2024

Volatiles, 8260 Comprehensive

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
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	06/20/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 14:54	ME
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	06/20/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 14:54	ME
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	06/20/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 14:54	ME
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	06/20/2024 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 14:54	ME
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	06/20/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 14:54	ME
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0067	0.013	1	EPA 8260C Certifications:	06/20/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 14:54	ME
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	99.6 %		77-125							
2037-26-5	Surrogate: SURRE: Toluene-d8	105 %		85-120							
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	112 %		76-130							

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0456	0.0911	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2024 13:01	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0911	0.182	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2024 13:01	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 13:01	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,PADEP-68-04440	06/20/2024 13:01	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2024 13:01	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,PADEP-68-04440	06/20/2024 13:01	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,PADEP-68-04440	06/20/2024 13:01	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0911	0.182	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2024 13:01	SS
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 13:01	SS
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 13:01	SS
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 13:01	SS



Sample Information

Client Sample ID: SB-1 (0-6 in.)

York Sample ID: 24F1192-01

York Project (SDG) No.

24F1192

Client Project ID

Elka

Matrix

Soil

Collection Date/Time

June 17, 2024 3:00 pm

Date Received

06/18/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 13:01	SS
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0911	0.182	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 13:01	SS
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 13:01	SS
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 13:01	SS
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 13:01	SS
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 13:01	SS
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 13:01	SS
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 13:01	SS
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0911	0.182	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 13:01	SS
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 13:01	SS
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 13:01	SS
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2024 13:01	SS
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0911	0.182	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 13:01	SS
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0911	0.182	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 13:01	SS
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 13:01	SS
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 13:01	SS
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 13:01	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 13:01	SS
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0911	0.182	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 13:01	SS
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0911	0.182	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 13:01	SS
83-32-9	Acenaphthene	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 13:01	SS
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 13:01	SS
98-86-2	Acetophenone	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2024 13:01	SS



Sample Information

Client Sample ID: SB-1 (0-6 in.)

York Sample ID: 24F1192-01

York Project (SDG) No.

24F1192

Client Project ID

Elka

Matrix

Soil

Collection Date/Time

June 17, 2024 3:00 pm

Date Received

06/18/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-53-3	Aniline	ND		mg/kg dry	0.182	0.365	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/19/2024 08:45	06/20/2024 13:01	SS
120-12-7	Anthracene	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 13:01	SS
1912-24-9	Atrazine	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/19/2024 08:45	06/20/2024 13:01	SS
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/19/2024 08:45	06/20/2024 13:01	SS
92-87-5	Benzidine	ND		mg/kg dry	0.182	0.365	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	06/19/2024 08:45	06/20/2024 13:01	SS
56-55-3	Benzo(a)anthracene	0.0976		mg/kg dry	0.0456	0.0911	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 08:45	06/20/2024 13:01	SS
50-32-8	Benzo(a)pyrene	0.108		mg/kg dry	0.0456	0.0911	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 08:45	06/20/2024 13:01	SS
205-99-2	Benzo(b)fluoranthene	0.138		mg/kg dry	0.0456	0.0911	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 08:45	06/20/2024 13:01	SS
191-24-2	Benzo(g,h,i)perylene	0.111		mg/kg dry	0.0456	0.0911	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 08:45	06/20/2024 13:01	SS
207-08-9	Benzo(k)fluoranthene	0.115		mg/kg dry	0.0456	0.0911	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 08:45	06/20/2024 13:01	SS
65-85-0	Benzoic acid	ND	CAL-E, CCVE	mg/kg dry	0.0456	0.0911	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/19/2024 08:45	06/20/2024 13:01	SS
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/19/2024 08:45	06/20/2024 13:01	SS
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 13:01	SS
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 13:01	SS
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 13:01	SS
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 13:01	SS
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 13:01	SS
105-60-2	Caprolactam	ND		mg/kg dry	0.0911	0.182	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/19/2024 08:45	06/20/2024 13:01	SS
86-74-8	Carbazole	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 13:01	SS
218-01-9	Chrysene	0.139		mg/kg dry	0.0456	0.0911	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 08:45	06/20/2024 13:01	SS
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 13:01	SS
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 13:01	SS
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 13:01	SS



Sample Information

Client Sample ID: SB-1 (0-6 in.)

York Sample ID: 24F1192-01

York Project (SDG) No.

24F1192

Client Project ID

Elka

Matrix

Soil

Collection Date/Time

June 17, 2024 3:00 pm

Date Received

06/18/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 13:01	SS
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 13:01	SS
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 13:01	SS
206-44-0	Fluoranthene	0.173		mg/kg dry	0.0456	0.0911	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 13:01	SS
86-73-7	Fluorene	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2024 13:01	SS
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 13:01	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 13:01	SS
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	mg/kg dry	0.0456	0.0911	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 13:01	SS
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 13:01	SS
193-39-5	Indeno(1,2,3-cd)pyrene	0.0815	J	mg/kg dry	0.0456	0.0911	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 13:01	SS
78-59-1	Isophorone	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 13:01	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 13:01	SS
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 13:01	SS
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 13:01	SS
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 13:01	SS
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 13:01	SS
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 13:01	SS
85-01-8	Phenanthrene	0.0517	J	mg/kg dry	0.0456	0.0911	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 13:01	SS
108-95-2	Phenol	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 13:01	SS
129-00-0	Pyrene	0.181		mg/kg dry	0.0456	0.0911	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 13:01	SS
110-86-1	Pyridine	ND		mg/kg dry	0.182	0.365	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 13:01	SS
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	60.4 %	20-108								
13127-88-3	Surrogate: SURR: Phenol-d6	60.5 %	23-114								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	59.1 %	22-108								



Sample Information

Client Sample ID: SB-1 (0-6 in.)

York Sample ID: 24F1192-01

York Project (SDG) No.

24F1192

Client Project ID

Elka

Matrix

Soil

Collection Date/Time

June 17, 2024 3:00 pm

Date Received

06/18/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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	60.6 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	65.2 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	77.2 %			24-116						

Metals, Target Analyte

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
7429-90-5	Aluminum	10300	M-CCV 1	mg/kg dry	4.59	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:01	AGNR
7440-36-0	Antimony	ND		mg/kg dry	2.30	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:01	AGNR
7440-38-2	Arsenic	8.89		mg/kg dry	1.38	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:01	AGNR
7440-39-3	Barium	169		mg/kg dry	2.29	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:01	AGNR
7440-41-7	Beryllium	ND		mg/kg dry	0.046	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:01	AGNR
7440-43-9	Cadmium	0.530		mg/kg dry	0.276	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:01	AGNR
7440-70-2	Calcium	21000		mg/kg dry	4.60	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:01	AGNR
7440-47-3	Chromium	12.8		mg/kg dry	0.460	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:01	AGNR
7440-48-4	Cobalt	4.79		mg/kg dry	0.367	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:01	AGNR
7440-50-8	Copper	51.9		mg/kg dry	1.84	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:01	AGNR
7439-89-6	Iron	15300		mg/kg dry	23.0	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:01	AGNR
7439-92-1	Lead	38.1		mg/kg dry	0.460	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:01	AGNR
7439-95-4	Magnesium	3520		mg/kg dry	4.60	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:01	AGNR
7439-96-5	Manganese	1100		mg/kg dry	0.460	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:01	AGNR
7440-02-0	Nickel	8.24		mg/kg dry	0.915	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:01	AGNR
7440-09-7	Potassium	1070	M-CCV 1	mg/kg dry	4.60	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:01	AGNR
7782-49-2	Selenium	ND		mg/kg dry	2.30	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:01	AGNR



Sample Information

Client Sample ID: SB-1 (0-6 in.)

York Sample ID: 24F1192-01

York Project (SDG) No.

24F1192

Client Project ID

Elka

Matrix

Soil

Collection Date/Time

June 17, 2024 3:00 pm

Date Received

06/18/2024

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/kg dry	0.463	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:16	06/21/2024 16:01	AGNR
7440-23-5	Sodium	184	M-CCV 1	mg/kg dry	46.0	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:16	06/21/2024 16:01	AGNR
7440-28-0	Thallium	ND		mg/kg dry	2.30	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:16	06/21/2024 16:01	AGNR
7440-62-2	Vanadium	31.1		mg/kg dry	0.915	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:16	06/21/2024 16:01	AGNR
7440-66-6	Zinc	70.7		mg/kg dry	2.29	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:16	06/21/2024 16:01	AGNR

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	0.0887		mg/kg dry	0.0331	1	EPA 7473 Certifications: CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04	06/19/2024 15:31	06/20/2024 21:52	DRS

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	90.7		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	06/19/2024 12:55	06/19/2024 14:55	HLV

Sample Information

Client Sample ID: SB-2 (0-6 in.)

York Sample ID: 24F1192-02

York Project (SDG) No.

24F1192

Client Project ID

Elka

Matrix

Soil

Collection Date/Time

June 17, 2024 3:00 pm

Date Received

06/18/2024

Volatiles, 8260 Comprehensive

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
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:00	06/20/2024 15:22	ME
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:00	06/20/2024 15:22	ME



Sample Information

Client Sample ID: SB-2 (0-6 in.)

York Sample ID: 24F1192-02

York Project (SDG) No.

24F1192

Client Project ID

Elka

Matrix

Soil

Collection Date/Time

June 17, 2024 3:00 pm

Date Received

06/18/2024

Volatiles, 8260 Comprehensive

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
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 15:22	ME
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 15:22	ME
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 15:22	ME
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 15:22	ME
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 15:22	ME
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 15:22	ME
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 15:22	ME
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	06/20/2024 15:22	ME
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 15:22	ME
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 15:22	ME
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 15:22	ME
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 15:22	ME
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 15:22	ME
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 15:22	ME
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 15:22	ME
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 15:22	ME
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 15:22	ME
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 15:22	ME
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 15:22	ME
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.049	0.098	1	EPA 8260C Certifications:	06/20/2024 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 15:22	ME
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	06/20/2024 15:22	ME
78-93-3	2-Butanone	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 15:22	ME
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 15:22	ME



Sample Information

Client Sample ID: SB-2 (0-6 in.)

York Sample ID: 24F1192-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F1192

Elka

Soil

June 17, 2024 3:00 pm

06/18/2024

Volatiles, 8260 Comprehensive

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
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:22	ME
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:22	ME
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:22	ME
67-64-1	Acetone	0.043	CCVE	mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:22	ME
107-02-8	Acrolein	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:22	ME
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:22	ME
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:22	ME
108-86-1	Bromobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:22	ME
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:22	ME
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:22	ME
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:22	ME
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:22	ME
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:22	ME
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:22	ME
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:22	ME
75-00-3	Chloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:22	ME
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:22	ME
74-87-3	Chloromethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:22	ME
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:22	ME
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:22	ME
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:22	ME
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:22	ME
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:22	ME



Sample Information

Client Sample ID: SB-2 (0-6 in.)

York Sample ID: 24F1192-02

York Project (SDG) No.

24F1192

Client Project ID

Elka

Matrix

Soil

Collection Date/Time

June 17, 2024 3:00 pm

Date Received

06/18/2024

Volatiles, 8260 Comprehensive

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
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:22	ME
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:22	ME
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:22	ME
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:22	ME
79-20-9	Methyl acetate	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:22	ME
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:22	ME
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:22	ME
75-09-2	Methylene chloride	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:22	ME
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:22	ME
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:22	ME
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:22	ME
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:22	ME
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:22	ME
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:22	ME
100-42-5	Styrene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:22	ME
75-65-0	tert-Butyl alcohol (TBA)	0.0061		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:22	ME
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:22	ME
127-18-4	Tetrachloroethylene	ND	CCVE, QL-02	mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:22	ME
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:22	ME
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:22	ME
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:22	ME
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:22	ME
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:22	ME



Sample Information

Client Sample ID: SB-2 (0-6 in.)

York Sample ID: 24F1192-02

York Project (SDG) No.

24F1192

Client Project ID

Elka

Matrix

Soil

Collection Date/Time

June 17, 2024 3:00 pm

Date Received

06/18/2024

Volatiles, 8260 Comprehensive

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
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 09:00	06/20/2024 15:22	ME
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:00	06/20/2024 15:22	ME
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0074	0.015	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:00	06/20/2024 15:22	ME
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	99.4 %		77-125							
2037-26-5	Surrogate: SURR: Toluene-d8	104 %		85-120							
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	110 %		76-130							

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/19/2024 08:45	06/20/2024 13:32	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0928	0.185	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/19/2024 08:45	06/20/2024 13:32	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 13:32	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	06/19/2024 08:45	06/20/2024 13:32	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/19/2024 08:45	06/20/2024 13:32	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	06/19/2024 08:45	06/20/2024 13:32	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	06/19/2024 08:45	06/20/2024 13:32	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0928	0.185	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/19/2024 08:45	06/20/2024 13:32	SS
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 13:32	SS
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 13:32	SS
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 13:32	SS
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 13:32	SS
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0928	0.185	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 13:32	SS
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 13:32	SS



Sample Information

Client Sample ID: SB-2 (0-6 in.)

York Sample ID: 24F1192-02

York Project (SDG) No.

24F1192

Client Project ID

Elka

Matrix

Soil

Collection Date/Time

June 17, 2024 3:00 pm

Date Received

06/18/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 13:32	SS
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 13:32	SS
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 13:32	SS
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 13:32	SS
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 13:32	SS
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0928	0.185	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 13:32	SS
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 13:32	SS
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 13:32	SS
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2024 13:32	SS
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0928	0.185	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 13:32	SS
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0928	0.185	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 13:32	SS
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 13:32	SS
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 13:32	SS
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 13:32	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 13:32	SS
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0928	0.185	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 13:32	SS
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0928	0.185	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 13:32	SS
83-32-9	Acenaphthene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 13:32	SS
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 13:32	SS
98-86-2	Acetophenone	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2024 13:32	SS
62-53-3	Aniline	ND		mg/kg dry	0.186	0.371	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2024 13:32	SS
120-12-7	Anthracene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 13:32	SS
1912-24-9	Atrazine	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2024 13:32	SS



Sample Information

Client Sample ID: SB-2 (0-6 in.)

York Sample ID: 24F1192-02

York Project (SDG) No.

24F1192

Client Project ID

Elka

Matrix

Soil

Collection Date/Time

June 17, 2024 3:00 pm

Date Received

06/18/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/19/2024 08:45	06/20/2024 13:32	SS
92-87-5	Benzidine	ND		mg/kg dry	0.186	0.371	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	06/19/2024 08:45	06/20/2024 13:32	SS
56-55-3	Benzo(a)anthracene	0.133		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 08:45	06/20/2024 13:32	SS
50-32-8	Benzo(a)pyrene	0.125		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 08:45	06/20/2024 13:32	SS
205-99-2	Benzo(b)fluoranthene	0.138		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 08:45	06/20/2024 13:32	SS
191-24-2	Benzo(g,h,i)perylene	0.105		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 08:45	06/20/2024 13:32	SS
207-08-9	Benzo(k)fluoranthene	0.113		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 08:45	06/20/2024 13:32	SS
65-85-0	Benzoic acid	ND	CAL-E, CCVE	mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/19/2024 08:45	06/20/2024 13:32	SS
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/19/2024 08:45	06/20/2024 13:32	SS
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 13:32	SS
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 13:32	SS
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 13:32	SS
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 13:32	SS
117-81-7	Bis(2-ethylhexyl)phthalate	0.0564	J	mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 08:45	06/20/2024 13:32	SS
105-60-2	Caprolactam	ND		mg/kg dry	0.0928	0.185	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/19/2024 08:45	06/20/2024 13:32	SS
86-74-8	Carbazole	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 13:32	SS
218-01-9	Chrysene	0.145		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 08:45	06/20/2024 13:32	SS
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 13:32	SS
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 13:32	SS
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 13:32	SS
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 13:32	SS
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 13:32	SS
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 13:32	SS



Sample Information

Client Sample ID: SB-2 (0-6 in.)

York Sample ID: 24F1192-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F1192

Elka

Soil

June 17, 2024 3:00 pm

06/18/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
206-44-0	Fluoranthene	0.259		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 08:45	06/20/2024 13:32	SS
86-73-7	Fluorene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/19/2024 08:45	06/20/2024 13:32	SS
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 13:32	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 13:32	SS
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 13:32	SS
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 13:32	SS
193-39-5	Indeno(1,2,3-cd)pyrene	0.0860	J	mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 08:45	06/20/2024 13:32	SS
78-59-1	Isophorone	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 13:32	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 13:32	SS
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 13:32	SS
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 13:32	SS
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 13:32	SS
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 13:32	SS
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 13:32	SS
85-01-8	Phenanthrene	0.103		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 08:45	06/20/2024 13:32	SS
108-95-2	Phenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 13:32	SS
129-00-0	Pyrene	0.247		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 08:45	06/20/2024 13:32	SS
110-86-1	Pyridine	ND		mg/kg dry	0.186	0.371	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 13:32	SS
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	85.8 %	20-108								
13127-88-3	Surrogate: SURR: Phenol-d6	83.5 %	23-114								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	79.3 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	83.0 %	21-113								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	91.2 %	19-110								
1718-51-0	Surrogate: SURR: Terphenyl-d14	101 %	24-116								



Sample Information

Client Sample ID: SB-2 (0-6 in.)

York Sample ID: 24F1192-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F1192

Elka

Soil

June 17, 2024 3:00 pm

06/18/2024

Metals, Target Analyte

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
7429-90-5	Aluminum	7810	M-CCV 1	mg/kg dry	4.65	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:03	AGNR
7440-36-0	Antimony	ND		mg/kg dry	2.32	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:03	AGNR
7440-38-2	Arsenic	5.52		mg/kg dry	1.39	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:03	AGNR
7440-39-3	Barium	26.2		mg/kg dry	2.32	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:03	AGNR
7440-41-7	Beryllium	ND		mg/kg dry	0.047	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:03	AGNR
7440-43-9	Cadmium	0.314		mg/kg dry	0.279	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:03	AGNR
7440-70-2	Calcium	17800		mg/kg dry	4.65	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:03	AGNR
7440-47-3	Chromium	12.2		mg/kg dry	0.465	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:03	AGNR
7440-48-4	Cobalt	2.71		mg/kg dry	0.372	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:03	AGNR
7440-50-8	Copper	22.3		mg/kg dry	1.86	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:03	AGNR
7439-89-6	Iron	8850		mg/kg dry	23.2	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:03	AGNR
7439-92-1	Lead	28.5		mg/kg dry	0.465	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:03	AGNR
7439-95-4	Magnesium	5660		mg/kg dry	4.65	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:03	AGNR
7439-96-5	Manganese	113		mg/kg dry	0.465	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:03	AGNR
7440-02-0	Nickel	6.90		mg/kg dry	0.926	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:03	AGNR
7440-09-7	Potassium	655	M-CCV 1	mg/kg dry	4.65	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:03	AGNR
7782-49-2	Selenium	ND		mg/kg dry	2.32	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:03	AGNR
7440-22-4	Silver	ND		mg/kg dry	0.469	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:03	AGNR
7440-23-5	Sodium	110	M-CCV 1	mg/kg dry	46.5	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:03	AGNR
7440-28-0	Thallium	ND		mg/kg dry	2.32	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:03	AGNR
7440-62-2	Vanadium	16.4		mg/kg dry	0.926	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:03	AGNR



Sample Information

Client Sample ID: SB-2 (0-6 in.)

York Sample ID: 24F1192-02

York Project (SDG) No.

24F1192

Client Project ID

Elka

Matrix

Soil

Collection Date/Time

June 17, 2024 3:00 pm

Date Received

06/18/2024

Metals, Target Analyte

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
7440-66-6	Zinc	49.4		mg/kg dry	2.32	1	EPA 6010D	06/20/2024 14:16	06/21/2024 16:03	AGNR
Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04										

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	0.0663		mg/kg dry	0.0335	1	EPA 7473	06/19/2024 15:31	06/20/2024 21:52	DRS
Certifications: CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04										

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	89.6		%	0.100	1	SM 2540G	06/19/2024 12:55	06/19/2024 14:55	HLV
Certifications: CTDOH-PH-0723										

Sample Information

Client Sample ID: SB-3 (0-6 in.)

York Sample ID: 24F1192-03

York Project (SDG) No.

24F1192

Client Project ID

Elka

Matrix

Soil

Collection Date/Time

June 17, 2024 3:00 pm

Date Received

06/18/2024

Volatiles, 8260 Comprehensive

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
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	06/20/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 15:50	ME
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	06/20/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 15:50	ME
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	06/20/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 15:50	ME
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	06/20/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 15:50	ME
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	06/20/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 15:50	ME
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	06/20/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 15:50	ME



Sample Information

Client Sample ID: SB-3 (0-6 in.)

York Sample ID: 24F1192-03

York Project (SDG) No.

24F1192

Client Project ID

Elka

Matrix

Soil

Collection Date/Time

June 17, 2024 3:00 pm

Date Received

06/18/2024

Volatiles, 8260 Comprehensive

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
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:50	ME
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:50	ME
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:50	ME
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:50	ME
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:50	ME
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:50	ME
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:50	ME
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:50	ME
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:50	ME
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:50	ME
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:50	ME
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:50	ME
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:50	ME
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:50	ME
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:50	ME
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.069	0.14	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:50	ME
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:50	ME
78-93-3	2-Butanone	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:50	ME
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:50	ME
591-78-6	2-Hexanone	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:50	ME
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:50	ME
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:50	ME
67-64-1	Acetone	0.0087	J	mg/kg dry	0.0069	0.014	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:50	ME



Sample Information

Client Sample ID: SB-3 (0-6 in.)

York Sample ID: 24F1192-03

York Project (SDG) No.

24F1192

Client Project ID

Elka

Matrix

Soil

Collection Date/Time

June 17, 2024 3:00 pm

Date Received

06/18/2024

Volatiles, 8260 Comprehensive

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
107-02-8	Acrolein	ND		mg/kg dry	0.0069	0.014	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:50	ME
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:50	ME
71-43-2	Benzene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:50	ME
108-86-1	Bromobenzene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:50	ME
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:50	ME
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:50	ME
75-25-2	Bromoform	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:50	ME
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:50	ME
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:50	ME
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:50	ME
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:50	ME
75-00-3	Chloroethane	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:50	ME
67-66-3	Chloroform	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:50	ME
74-87-3	Chloromethane	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:50	ME
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:50	ME
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:50	ME
110-82-7	Cyclohexane	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:50	ME
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:50	ME
74-95-3	Dibromomethane	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:50	ME
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:50	ME
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:50	ME
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:50	ME
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 15:50	ME



Sample Information

Client Sample ID: SB-3 (0-6 in.)

York Sample ID: 24F1192-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F1192	Elka	Soil	June 17, 2024 3:00 pm	06/18/2024

Volatiles, 8260 Comprehensive

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
79-20-9	Methyl acetate	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 09:00	06/20/2024 15:50	ME
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:00	06/20/2024 15:50	ME
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 09:00	06/20/2024 15:50	ME
75-09-2	Methylene chloride	ND		mg/kg dry	0.0069	0.014	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:00	06/20/2024 15:50	ME
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:00	06/20/2024 15:50	ME
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:00	06/20/2024 15:50	ME
95-47-6	o-Xylene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	06/20/2024 09:00	06/20/2024 15:50	ME
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0069	0.014	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	06/20/2024 09:00	06/20/2024 15:50	ME
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:00	06/20/2024 15:50	ME
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:00	06/20/2024 15:50	ME
100-42-5	Styrene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:00	06/20/2024 15:50	ME
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 09:00	06/20/2024 15:50	ME
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:00	06/20/2024 15:50	ME
127-18-4	Tetrachloroethylene	ND	CCVE, QL-02	mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:00	06/20/2024 15:50	ME
108-88-3	Toluene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:00	06/20/2024 15:50	ME
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:00	06/20/2024 15:50	ME
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:00	06/20/2024 15:50	ME
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:00	06/20/2024 15:50	ME
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:00	06/20/2024 15:50	ME
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 09:00	06/20/2024 15:50	ME
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:00	06/20/2024 15:50	ME
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.010	0.021	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:00	06/20/2024 15:50	ME
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	99.1 %	77-125								



Sample Information

Client Sample ID: SB-3 (0-6 in.)

York Sample ID: 24F1192-03

York Project (SDG) No.

24F1192

Client Project ID

Elka

Matrix

Soil

Collection Date/Time

June 17, 2024 3:00 pm

Date Received

06/18/2024

Volatiles, 8260 Comprehensive

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
92-26-5	Surrogate: SURR: Toluene-d8	104 %			85-120						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	109 %			76-130						

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0498	0.0993	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/19/2024 08:45	06/20/2024 14:03	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0993	0.198	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/19/2024 08:45	06/20/2024 14:03	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0498	0.0993	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 14:03	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0498	0.0993	2	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	06/19/2024 08:45	06/20/2024 14:03	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0498	0.0993	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/19/2024 08:45	06/20/2024 14:03	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0498	0.0993	2	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	06/19/2024 08:45	06/20/2024 14:03	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0498	0.0993	2	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	06/19/2024 08:45	06/20/2024 14:03	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0993	0.198	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/19/2024 08:45	06/20/2024 14:03	SS
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0498	0.0993	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 14:03	SS
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0498	0.0993	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 14:03	SS
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0498	0.0993	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 14:03	SS
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0498	0.0993	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 14:03	SS
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0993	0.198	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 14:03	SS
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0498	0.0993	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 14:03	SS
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0498	0.0993	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 14:03	SS
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0498	0.0993	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 14:03	SS
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0498	0.0993	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 14:03	SS
91-57-6	2-Methylnaphthalene	0.145		mg/kg dry	0.0498	0.0993	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 08:45	06/20/2024 14:03	SS
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0498	0.0993	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 14:03	SS



Sample Information

Client Sample ID: SB-3 (0-6 in.)

York Sample ID: 24F1192-03

York Project (SDG) No.

24F1192

Client Project ID

Elka

Matrix

Soil

Collection Date/Time

June 17, 2024 3:00 pm

Date Received

06/18/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0993	0.198	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:03	SS
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0498	0.0993	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:03	SS
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0498	0.0993	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:03	SS
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0498	0.0993	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2024 14:03	SS
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0993	0.198	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:03	SS
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0993	0.198	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:03	SS
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0498	0.0993	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:03	SS
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0498	0.0993	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:03	SS
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0498	0.0993	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:03	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0498	0.0993	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:03	SS
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0993	0.198	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:03	SS
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0993	0.198	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:03	SS
83-32-9	Acenaphthene	ND		mg/kg dry	0.0498	0.0993	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:03	SS
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0498	0.0993	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:03	SS
98-86-2	Acetophenone	ND		mg/kg dry	0.0498	0.0993	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2024 14:03	SS
62-53-3	Aniline	ND		mg/kg dry	0.199	0.398	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2024 14:03	SS
120-12-7	Anthracene	ND		mg/kg dry	0.0498	0.0993	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:03	SS
1912-24-9	Atrazine	ND		mg/kg dry	0.0498	0.0993	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2024 14:03	SS
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0498	0.0993	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2024 14:03	SS
92-87-5	Benzidine	ND		mg/kg dry	0.199	0.398	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	06/20/2024 14:03	SS
56-55-3	Benzo(a)anthracene	0.173		mg/kg dry	0.0498	0.0993	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:03	SS
50-32-8	Benzo(a)pyrene	0.164		mg/kg dry	0.0498	0.0993	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:03	SS
205-99-2	Benzo(b)fluoranthene	0.206		mg/kg dry	0.0498	0.0993	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:03	SS



Sample Information

Client Sample ID: SB-3 (0-6 in.)

York Sample ID: 24F1192-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F1192

Elka

Soil

June 17, 2024 3:00 pm

06/18/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	Benzo(g,h,i)perylene	0.173		mg/kg dry	0.0498	0.0993	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 08:45	06/20/2024 14:03	SS
207-08-9	Benzo(k)fluoranthene	0.161		mg/kg dry	0.0498	0.0993	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 08:45	06/20/2024 14:03	SS
65-85-0	Benzoic acid	ND	CAL-E, CCVE	mg/kg dry	0.0498	0.0993	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/19/2024 08:45	06/20/2024 14:03	SS
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0498	0.0993	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/19/2024 08:45	06/20/2024 14:03	SS
85-68-7	Benzyl butyl phthalate	0.0619	J	mg/kg dry	0.0498	0.0993	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 08:45	06/20/2024 14:03	SS
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0498	0.0993	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 14:03	SS
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0498	0.0993	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 14:03	SS
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0498	0.0993	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 14:03	SS
117-81-7	Bis(2-ethylhexyl)phthalate	1.03		mg/kg dry	0.0498	0.0993	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 08:45	06/20/2024 14:03	SS
105-60-2	Caprolactam	ND		mg/kg dry	0.0993	0.198	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/19/2024 08:45	06/20/2024 14:03	SS
86-74-8	Carbazole	ND		mg/kg dry	0.0498	0.0993	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 14:03	SS
218-01-9	Chrysene	0.207		mg/kg dry	0.0498	0.0993	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 08:45	06/20/2024 14:03	SS
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0498	0.0993	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 14:03	SS
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0498	0.0993	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 14:03	SS
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0498	0.0993	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 14:03	SS
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0498	0.0993	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 14:03	SS
84-74-2	Di-n-butyl phthalate	0.114		mg/kg dry	0.0498	0.0993	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 08:45	06/20/2024 14:03	SS
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0498	0.0993	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 14:03	SS
206-44-0	Fluoranthene	0.377		mg/kg dry	0.0498	0.0993	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 08:45	06/20/2024 14:03	SS
86-73-7	Fluorene	ND		mg/kg dry	0.0498	0.0993	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/19/2024 08:45	06/20/2024 14:03	SS
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0498	0.0993	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 14:03	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0498	0.0993	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 14:03	SS
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	mg/kg dry	0.0498	0.0993	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 14:03	SS



Sample Information

Client Sample ID: SB-3 (0-6 in.)			York Sample ID: 24F1192-03		
York Project (SDG) No. 24F1192		Client Project ID Elka		Matrix Soil	
			Collection Date/Time June 17, 2024 3:00 pm		Date Received 06/18/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0498	0.0993	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 14:03	SS
193-39-5	Indeno(1,2,3-cd)pyrene	0.131		mg/kg dry	0.0498	0.0993	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 14:03	SS
78-59-1	Isophorone	ND		mg/kg dry	0.0498	0.0993	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 14:03	SS
91-20-3	Naphthalene	0.0572	J	mg/kg dry	0.0498	0.0993	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 14:03	SS
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0498	0.0993	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 14:03	SS
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0498	0.0993	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 14:03	SS
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0498	0.0993	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 14:03	SS
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0498	0.0993	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 14:03	SS
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0498	0.0993	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 14:03	SS
85-01-8	Phenanthrene	0.152		mg/kg dry	0.0498	0.0993	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 14:03	SS
108-95-2	Phenol	ND		mg/kg dry	0.0498	0.0993	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 14:03	SS
129-00-0	Pyrene	0.341		mg/kg dry	0.0498	0.0993	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 14:03	SS
110-86-1	Pyridine	ND		mg/kg dry	0.199	0.398	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 14:03	SS
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	62.4 %	20-108								
13127-88-3	Surrogate: SURR: Phenol-d6	63.0 %	23-114								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	62.1 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	64.8 %	21-113								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	71.6 %	19-110								
1718-51-0	Surrogate: SURR: Terphenyl-d14	84.4 %	24-116								

Metals, Target Analyte

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
7429-90-5	Aluminum	7020	M-CCV 1	mg/kg dry	4.98	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:16	06/21/2024 16:05	AGNR
7440-36-0	Antimony	ND		mg/kg dry	2.49	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:16	06/21/2024 16:05	AGNR



Sample Information

Client Sample ID: SB-3 (0-6 in.)

York Sample ID: 24F1192-03

York Project (SDG) No.

24F1192

Client Project ID

Elka

Matrix

Soil

Collection Date/Time

June 17, 2024 3:00 pm

Date Received

06/18/2024

Metals, Target Analyte

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	5.37		mg/kg dry	1.49	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:05	AGNR
7440-39-3	Barium	63.2		mg/kg dry	2.48	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:05	AGNR
7440-41-7	Beryllium	ND		mg/kg dry	0.050	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:05	AGNR
7440-43-9	Cadmium	1.09		mg/kg dry	0.299	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:05	AGNR
7440-70-2	Calcium	8050		mg/kg dry	4.98	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:05	AGNR
7440-47-3	Chromium	17.3		mg/kg dry	0.498	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:05	AGNR
7440-48-4	Cobalt	3.56		mg/kg dry	0.398	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:05	AGNR
7440-50-8	Copper	41.6		mg/kg dry	1.99	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:05	AGNR
7439-89-6	Iron	12100		mg/kg dry	24.9	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:05	AGNR
7439-92-1	Lead	58.2		mg/kg dry	0.498	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:05	AGNR
7439-95-4	Magnesium	2110		mg/kg dry	4.98	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:05	AGNR
7439-96-5	Manganese	185		mg/kg dry	0.498	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:05	AGNR
7440-02-0	Nickel	10.1		mg/kg dry	0.992	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:05	AGNR
7440-09-7	Potassium	925	M-CCV 1	mg/kg dry	4.98	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:05	AGNR
7782-49-2	Selenium	ND		mg/kg dry	2.49	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:05	AGNR
7440-22-4	Silver	ND		mg/kg dry	0.502	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:05	AGNR
7440-23-5	Sodium	132	M-CCV 1	mg/kg dry	49.8	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:05	AGNR
7440-28-0	Thallium	ND		mg/kg dry	2.49	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:05	AGNR
7440-62-2	Vanadium	18.2		mg/kg dry	0.992	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:05	AGNR
7440-66-6	Zinc	212		mg/kg dry	2.48	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:05	AGNR

Mercury by 7473

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SB-3 (0-6 in.)

York Sample ID: 24F1192-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F1192

Elka

Soil

June 17, 2024 3:00 pm

06/18/2024

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	0.135		mg/kg dry	0.0358	1	EPA 7473	06/19/2024 15:31	06/20/2024 21:52	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04		

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	83.7		%	0.100	1	SM 2540G	06/19/2024 12:55	06/19/2024 14:55	HLV
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB-4 (0-6 in.)

York Sample ID: 24F1192-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F1192

Elka

Soil

June 17, 2024 3:00 pm

06/18/2024

Volatiles, 8260 Comprehensive

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
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 16:18	ME
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 16:18	ME
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 16:18	ME
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 16:18	ME
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 16:18	ME
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 16:18	ME
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 16:18	ME
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 16:18	ME
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 16:18	ME
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	06/20/2024 16:18	ME
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 16:18	ME



Sample Information

Client Sample ID: SB-4 (0-6 in.)

York Sample ID: 24F1192-04

York Project (SDG) No.

24F1192

Client Project ID

Elka

Matrix

Soil

Collection Date/Time

June 17, 2024 3:00 pm

Date Received

06/18/2024

Volatiles, 8260 Comprehensive

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
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:18	ME
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:18	ME
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:18	ME
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:18	ME
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:18	ME
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:18	ME
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:18	ME
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:18	ME
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:18	ME
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:18	ME
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.049	0.097	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:18	ME
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:18	ME
78-93-3	2-Butanone	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:18	ME
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:18	ME
591-78-6	2-Hexanone	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:18	ME
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:18	ME
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:18	ME
67-64-1	Acetone	0.037	CCVE	mg/kg dry	0.0049	0.0097	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:18	ME
107-02-8	Acrolein	ND		mg/kg dry	0.0049	0.0097	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:18	ME
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:18	ME
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:18	ME
108-86-1	Bromobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:18	ME
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:18	ME



Sample Information

Client Sample ID: SB-4 (0-6 in.)

York Sample ID: 24F1192-04

York Project (SDG) No.

24F1192

Client Project ID

Elka

Matrix

Soil

Collection Date/Time

June 17, 2024 3:00 pm

Date Received

06/18/2024

Volatiles, 8260 Comprehensive

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
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:18	ME
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:18	ME
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:18	ME
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:18	ME
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:18	ME
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:18	ME
75-00-3	Chloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:18	ME
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:18	ME
74-87-3	Chloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:18	ME
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:18	ME
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:18	ME
110-82-7	Cyclohexane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:18	ME
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:18	ME
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:18	ME
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:18	ME
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:18	ME
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:18	ME
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:18	ME
79-20-9	Methyl acetate	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:18	ME
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:18	ME
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:18	ME
75-09-2	Methylene chloride	ND		mg/kg dry	0.0049	0.0097	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:18	ME
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:18	ME



Sample Information

Client Sample ID: SB-4 (0-6 in.)

York Sample ID: 24F1192-04

York Project (SDG) No.

24F1192

Client Project ID

Elka

Matrix

Soil

Collection Date/Time

June 17, 2024 3:00 pm

Date Received

06/18/2024

Volatiles, 8260 Comprehensive

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		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:18	ME
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:18	ME
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0049	0.0097	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:18	ME
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:18	ME
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:18	ME
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:18	ME
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:18	ME
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:18	ME
127-18-4	Tetrachloroethylene	ND	CCVE, QL-02	mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:18	ME
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:18	ME
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:18	ME
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:18	ME
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:18	ME
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:18	ME
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:18	ME
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:18	ME
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0073	0.015	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:18	ME
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	99.4 %	77-125								
2037-26-5	Surrogate: SURRE: Toluene-d8	105 %	85-120								
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	110 %	76-130								

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120 RESEARCH DRIVE											
STRATFORD, CT 06615											
www.YORKLAB.com											
(203) 325-1371											
132-02 89th AVENUE											
RICHMOND HILL, NY 11418											
FAX (203) 357-0166											
ClientServices@											



Sample Information

Client Sample ID: SB-4 (0-6 in.)

York Sample ID: 24F1192-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F1192

Elka

Soil

June 17, 2024 3:00 pm

06/18/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/19/2024 08:45	06/20/2024 14:33	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0912	0.182	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/19/2024 08:45	06/20/2024 14:33	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 14:33	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	06/19/2024 08:45	06/20/2024 14:33	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/19/2024 08:45	06/20/2024 14:33	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	06/19/2024 08:45	06/20/2024 14:33	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	06/19/2024 08:45	06/20/2024 14:33	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0912	0.182	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/19/2024 08:45	06/20/2024 14:33	SS
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 14:33	SS
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 14:33	SS
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 14:33	SS
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 14:33	SS
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0912	0.182	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 14:33	SS
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 14:33	SS
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 14:33	SS
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 14:33	SS
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 14:33	SS
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 14:33	SS
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 14:33	SS
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0912	0.182	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 14:33	SS
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 14:33	SS
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 14:33	SS
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/19/2024 08:45	06/20/2024 14:33	SS



Sample Information

Client Sample ID: SB-4 (0-6 in.)

York Sample ID: 24F1192-04

York Project (SDG) No.

24F1192

Client Project ID

Elka

Matrix

Soil

Collection Date/Time

June 17, 2024 3:00 pm

Date Received

06/18/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0912	0.182	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:33	SS
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0912	0.182	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:33	SS
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:33	SS
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:33	SS
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:33	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:33	SS
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0912	0.182	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:33	SS
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0912	0.182	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:33	SS
83-32-9	Acenaphthene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:33	SS
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:33	SS
98-86-2	Acetophenone	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2024 14:33	SS
62-53-3	Aniline	ND		mg/kg dry	0.183	0.365	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2024 14:33	SS
120-12-7	Anthracene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:33	SS
1912-24-9	Atrazine	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2024 14:33	SS
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2024 14:33	SS
92-87-5	Benzidine	ND		mg/kg dry	0.183	0.365	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	06/20/2024 14:33	SS
56-55-3	Benzo(a)anthracene	0.0853	J	mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:33	SS
50-32-8	Benzo(a)pyrene	0.0845	J	mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:33	SS
205-99-2	Benzo(b)fluoranthene	0.0976		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:33	SS
191-24-2	Benzo(g,h,i)perylene	0.0823	J	mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:33	SS
207-08-9	Benzo(k)fluoranthene	0.0765	J	mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:33	SS
65-85-0	Benzoic acid	ND	CAL-E, CCVE	mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2024 14:33	SS
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2024 14:33	SS



Sample Information

Client Sample ID: SB-4 (0-6 in.)

York Sample ID: 24F1192-04

York Project (SDG) No.

24F1192

Client Project ID

Elka

Matrix

Soil

Collection Date/Time

June 17, 2024 3:00 pm

Date Received

06/18/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:33	SS
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:33	SS
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:33	SS
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:33	SS
117-81-7	Bis(2-ethylhexyl)phthalate	0.130		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:33	SS
105-60-2	Caprolactam	ND		mg/kg dry	0.0912	0.182	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2024 14:33	SS
86-74-8	Carbazole	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:33	SS
218-01-9	Chrysene	0.104		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:33	SS
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:33	SS
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:33	SS
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:33	SS
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:33	SS
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:33	SS
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:33	SS
206-44-0	Fluoranthene	0.161		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:33	SS
86-73-7	Fluorene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2024 14:33	SS
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:33	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:33	SS
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:33	SS
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:33	SS
193-39-5	Indeno(1,2,3-cd)pyrene	0.0583	J	mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:33	SS
78-59-1	Isophorone	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:33	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:33	SS



Sample Information

Client Sample ID: SB-4 (0-6 in.)

York Sample ID: 24F1192-04

York Project (SDG) No.

24F1192

Client Project ID

Elka

Matrix

Soil

Collection Date/Time

June 17, 2024 3:00 pm

Date Received

06/18/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:33	SS
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:33	SS
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:33	SS
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:33	SS
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:33	SS
85-01-8	Phenanthrene	0.0525	J	mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:33	SS
108-95-2	Phenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:33	SS
129-00-0	Pyrene	0.155		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:33	SS
110-86-1	Pyridine	ND		mg/kg dry	0.183	0.365	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:33	SS
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	73.2 %	20-108								
13127-88-3	Surrogate: SURR: Phenol-d6	71.2 %	23-114								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	68.1 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	70.0 %	21-113								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	74.9 %	19-110								
1718-51-0	Surrogate: SURR: Terphenyl-d14	83.4 %	24-116								

Metals, Target Analyte

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
7429-90-5	Aluminum	10800	M-CCV 1	mg/kg dry	4.57	1	EPA 6010D Certifications:	06/20/2024 14:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/21/2024 16:08	AGNR
7440-36-0	Antimony	ND		mg/kg dry	2.28	1	EPA 6010D Certifications:	06/20/2024 14:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/21/2024 16:08	AGNR
7440-38-2	Arsenic	13.0		mg/kg dry	1.37	1	EPA 6010D Certifications:	06/20/2024 14:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/21/2024 16:08	AGNR
7440-39-3	Barium	43.0		mg/kg dry	2.28	1	EPA 6010D Certifications:	06/20/2024 14:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/21/2024 16:08	AGNR
7440-41-7	Beryllium	ND		mg/kg dry	0.046	1	EPA 6010D Certifications:	06/20/2024 14:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/21/2024 16:08	AGNR
7440-43-9	Cadmium	0.447		mg/kg dry	0.274	1	EPA 6010D Certifications:	06/20/2024 14:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/21/2024 16:08	AGNR



Sample Information

Client Sample ID: SB-4 (0-6 in.)

York Sample ID: 24F1192-04

York Project (SDG) No.

24F1192

Client Project ID

Elka

Matrix

Soil

Collection Date/Time

June 17, 2024 3:00 pm

Date Received

06/18/2024

Metals, Target Analyte

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
7440-70-2	Calcium	15400		mg/kg dry	4.57	1	EPA 6010D	06/20/2024 14:16	06/21/2024 16:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	Chromium	13.5		mg/kg dry	0.457	1	EPA 6010D	06/20/2024 14:16	06/21/2024 16:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	Cobalt	6.33		mg/kg dry	0.365	1	EPA 6010D	06/20/2024 14:16	06/21/2024 16:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	Copper	58.0		mg/kg dry	1.83	1	EPA 6010D	06/20/2024 14:16	06/21/2024 16:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	Iron	17900		mg/kg dry	22.8	1	EPA 6010D	06/20/2024 14:16	06/21/2024 16:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	Lead	35.6		mg/kg dry	0.457	1	EPA 6010D	06/20/2024 14:16	06/21/2024 16:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	Magnesium	4350		mg/kg dry	4.57	1	EPA 6010D	06/20/2024 14:16	06/21/2024 16:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	Manganese	164		mg/kg dry	0.457	1	EPA 6010D	06/20/2024 14:16	06/21/2024 16:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	Nickel	9.62		mg/kg dry	0.910	1	EPA 6010D	06/20/2024 14:16	06/21/2024 16:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	Potassium	1560	M-CCV 1	mg/kg dry	4.57	1	EPA 6010D	06/20/2024 14:16	06/21/2024 16:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	2.28	1	EPA 6010D	06/20/2024 14:16	06/21/2024 16:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-22-4	Silver	ND		mg/kg dry	0.461	1	EPA 6010D	06/20/2024 14:16	06/21/2024 16:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-23-5	Sodium	323	M-CCV 1	mg/kg dry	45.7	1	EPA 6010D	06/20/2024 14:16	06/21/2024 16:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-28-0	Thallium	ND		mg/kg dry	2.28	1	EPA 6010D	06/20/2024 14:16	06/21/2024 16:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-62-2	Vanadium	39.1		mg/kg dry	0.910	1	EPA 6010D	06/20/2024 14:16	06/21/2024 16:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	Zinc	68.5		mg/kg dry	2.28	1	EPA 6010D	06/20/2024 14:16	06/21/2024 16:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

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	0.0681		mg/kg dry	0.0329	1	EPA 7473	06/19/2024 15:31	06/20/2024 21:52	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04		

Total Solids

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SB-4 (0-6 in.)			York Sample ID: 24F1192-04		
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24F1192	Elka	Soil	June 17, 2024 3:00 pm	06/18/2024	

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	91.2		%	0.100	1	SM 2540G	06/19/2024 12:55	06/19/2024 14:55	HLY
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB-5 (0-6 in.)			York Sample ID: 24F1192-05		
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24F1192	Elka	Soil	June 17, 2024 3:00 pm	06/18/2024	

Volatiles, 8260 Comprehensive

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
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	06/21/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/22/2024 02:19	ME
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	06/21/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/22/2024 02:19	ME
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	06/21/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/22/2024 02:19	ME
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	06/21/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/22/2024 02:19	ME
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	06/21/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/22/2024 02:19	ME
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	06/21/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/22/2024 02:19	ME
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	06/21/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/22/2024 02:19	ME
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	06/21/2024 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/22/2024 02:19	ME
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	06/21/2024 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/22/2024 02:19	ME
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	06/21/2024 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	06/22/2024 02:19	ME
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	06/21/2024 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/22/2024 02:19	ME
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	06/21/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/22/2024 02:19	ME
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	06/21/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/22/2024 02:19	ME
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	06/21/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/22/2024 02:19	ME
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	06/21/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/22/2024 02:19	ME



Sample Information

Client Sample ID: SB-5 (0-6 in.)

York Sample ID: 24F1192-05

York Project (SDG) No.

24F1192

Client Project ID

Elka

Matrix

Soil

Collection Date/Time

June 17, 2024 3:00 pm

Date Received

06/18/2024

Volatiles, 8260 Comprehensive

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
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	06/21/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/22/2024 02:19	ME
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	06/21/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/22/2024 02:19	ME
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	06/21/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/22/2024 02:19	ME
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	06/21/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/22/2024 02:19	ME
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	06/21/2024 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/22/2024 02:19	ME
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	06/21/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/22/2024 02:19	ME
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.058	0.12	1	EPA 8260C Certifications:	06/21/2024 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/22/2024 02:19	ME
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	06/21/2024 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	06/22/2024 02:19	ME
78-93-3	2-Butanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	06/21/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/22/2024 02:19	ME
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	06/21/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/22/2024 02:19	ME
591-78-6	2-Hexanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	06/21/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/22/2024 02:19	ME
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	06/21/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/22/2024 02:19	ME
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	06/21/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/22/2024 02:19	ME
67-64-1	Acetone	0.035		mg/kg dry	0.0058	0.012	1	EPA 8260C Certifications:	06/21/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/22/2024 02:19	ME
107-02-8	Acrolein	ND	CAL-E, ICVE	mg/kg dry	0.0058	0.012	1	EPA 8260C Certifications:	06/21/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/22/2024 02:19	ME
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	06/21/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/22/2024 02:19	ME
71-43-2	Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	06/21/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/22/2024 02:19	ME
108-86-1	Bromobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	06/21/2024 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/22/2024 02:19	ME
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	06/21/2024 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/22/2024 02:19	ME
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	06/21/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/22/2024 02:19	ME
75-25-2	Bromoform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	06/21/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/22/2024 02:19	ME
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	06/21/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/22/2024 02:19	ME
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	06/21/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/22/2024 02:19	ME



Sample Information

Client Sample ID: SB-5 (0-6 in.)

York Sample ID: 24F1192-05

York Project (SDG) No.

24F1192

Client Project ID

Elka

Matrix

Soil

Collection Date/Time

June 17, 2024 3:00 pm

Date Received

06/18/2024

Volatiles, 8260 Comprehensive

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
56-23-5	Carbon tetrachloride	ND	CCVE	mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	06/21/2024 12:30	06/22/2024 02:19	ME
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	06/21/2024 12:30	06/22/2024 02:19	ME
75-00-3	Chloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	06/21/2024 12:30	06/22/2024 02:19	ME
67-66-3	Chloroform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	06/21/2024 12:30	06/22/2024 02:19	ME
74-87-3	Chloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	06/21/2024 12:30	06/22/2024 02:19	ME
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	06/21/2024 12:30	06/22/2024 02:19	ME
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	06/21/2024 12:30	06/22/2024 02:19	ME
110-82-7	Cyclohexane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	06/21/2024 12:30	06/22/2024 02:19	ME
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	06/21/2024 12:30	06/22/2024 02:19	ME
74-95-3	Dibromomethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	06/21/2024 12:30	06/22/2024 02:19	ME
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	06/21/2024 12:30	06/22/2024 02:19	ME
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	06/21/2024 12:30	06/22/2024 02:19	ME
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	06/21/2024 12:30	06/22/2024 02:19	ME
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	06/21/2024 12:30	06/22/2024 02:19	ME
79-20-9	Methyl acetate	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	06/21/2024 12:30	06/22/2024 02:19	ME
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	06/21/2024 12:30	06/22/2024 02:19	ME
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	06/21/2024 12:30	06/22/2024 02:19	ME
75-09-2	Methylene chloride	ND		mg/kg dry	0.0058	0.012	1	EPA 8260C Certifications:	06/21/2024 12:30	06/22/2024 02:19	ME
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	06/21/2024 12:30	06/22/2024 02:19	ME
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	06/21/2024 12:30	06/22/2024 02:19	ME
95-47-6	o-Xylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	06/21/2024 12:30	06/22/2024 02:19	ME
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0058	0.012	1	EPA 8260C Certifications:	06/21/2024 12:30	06/22/2024 02:19	ME
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	06/21/2024 12:30	06/22/2024 02:19	ME



Sample Information

Client Sample ID: SB-5 (0-6 in.)

York Sample ID: 24F1192-05

York Project (SDG) No.

24F1192

Client Project ID

Elka

Matrix

Soil

Collection Date/Time

June 17, 2024 3:00 pm

Date Received

06/18/2024

Volatiles, 8260 Comprehensive

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
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	06/21/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/22/2024 02:19	ME
100-42-5	Styrene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	06/21/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/22/2024 02:19	ME
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	06/21/2024 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/22/2024 02:19	ME
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	06/21/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/22/2024 02:19	ME
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	06/21/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/22/2024 02:19	ME
108-88-3	Toluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	06/21/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/22/2024 02:19	ME
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	06/21/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/22/2024 02:19	ME
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	06/21/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/22/2024 02:19	ME
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	06/21/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/22/2024 02:19	ME
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	06/21/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/22/2024 02:19	ME
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	06/21/2024 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/22/2024 02:19	ME
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	06/21/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/22/2024 02:19	ME
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0087	0.017	1	EPA 8260C Certifications:	06/21/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/22/2024 02:19	ME
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	100 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	104 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	107 %	76-130								

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2024 15:04	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0921	0.184	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2024 15:04	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 15:04	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,PADEP-68-04440	06/20/2024 15:04	SS



Sample Information

Client Sample ID: SB-5 (0-6 in.)

York Sample ID: 24F1192-05

York Project (SDG) No.

24F1192

Client Project ID

Elka

Matrix

Soil

Collection Date/Time

June 17, 2024 3:00 pm

Date Received

06/18/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/19/2024 08:45	06/20/2024 15:04	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	06/19/2024 08:45	06/20/2024 15:04	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	06/19/2024 08:45	06/20/2024 15:04	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0921	0.184	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/19/2024 08:45	06/20/2024 15:04	SS
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 15:04	SS
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 15:04	SS
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 15:04	SS
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 15:04	SS
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0921	0.184	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 15:04	SS
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 15:04	SS
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 15:04	SS
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 15:04	SS
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 15:04	SS
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 15:04	SS
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 15:04	SS
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0921	0.184	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 15:04	SS
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 15:04	SS
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 15:04	SS
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/19/2024 08:45	06/20/2024 15:04	SS
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0921	0.184	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 15:04	SS
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0921	0.184	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 15:04	SS
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 15:04	SS
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 15:04	SS



Sample Information

Client Sample ID: SB-5 (0-6 in.)

York Sample ID: 24F1192-05

York Project (SDG) No.

24F1192

Client Project ID

Elka

Matrix

Soil

Collection Date/Time

June 17, 2024 3:00 pm

Date Received

06/18/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 15:04	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 15:04	SS
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0921	0.184	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 15:04	SS
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0921	0.184	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 15:04	SS
83-32-9	Acenaphthene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 15:04	SS
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 15:04	SS
98-86-2	Acetophenone	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2024 15:04	SS
62-53-3	Aniline	ND		mg/kg dry	0.184	0.369	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2024 15:04	SS
120-12-7	Anthracene	0.100		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 15:04	SS
1912-24-9	Atrazine	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2024 15:04	SS
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2024 15:04	SS
92-87-5	Benzidine	ND		mg/kg dry	0.184	0.369	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	06/20/2024 15:04	SS
56-55-3	Benzo(a)anthracene	0.531		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 15:04	SS
50-32-8	Benzo(a)pyrene	0.505		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 15:04	SS
205-99-2	Benzo(b)fluoranthene	0.500		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 15:04	SS
191-24-2	Benzo(g,h,i)perylene	0.365		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 15:04	SS
207-08-9	Benzo(k)fluoranthene	0.442		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 15:04	SS
65-85-0	Benzoic acid	ND	CAL-E, CCVE	mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2024 15:04	SS
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2024 15:04	SS
85-68-7	Benzyl butyl phthalate	0.0773	J	mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 15:04	SS
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 15:04	SS
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 15:04	SS
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 15:04	SS



Sample Information

Client Sample ID: SB-5 (0-6 in.)

York Sample ID: 24F1192-05

York Project (SDG) No.

24F1192

Client Project ID

Elka

Matrix

Soil

Collection Date/Time

June 17, 2024 3:00 pm

Date Received

06/18/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	Bis(2-ethylhexyl)phthalate	0.0751	J	mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 15:04	SS
105-60-2	Caprolactam	ND		mg/kg dry	0.0921	0.184	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/19/2024 08:45	06/20/2024 15:04	SS
86-74-8	Carbazole	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 15:04	SS
218-01-9	Chrysene	0.598		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 15:04	SS
53-70-3	Dibenzo(a,h)anthracene	0.123		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 15:04	SS
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 15:04	SS
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 15:04	SS
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 15:04	SS
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 15:04	SS
117-84-0	Di-n-octyl phthalate	0.0567	J	mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 15:04	SS
206-44-0	Fluoranthene	1.10		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 15:04	SS
86-73-7	Fluorene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/19/2024 08:45	06/20/2024 15:04	SS
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 15:04	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 15:04	SS
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 15:04	SS
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 15:04	SS
193-39-5	Indeno(1,2,3-cd)pyrene	0.320		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 15:04	SS
78-59-1	Isophorone	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 15:04	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 15:04	SS
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 15:04	SS
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 15:04	SS
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 15:04	SS
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 15:04	SS



Sample Information

Client Sample ID: SB-5 (0-6 in.)

York Sample ID: 24F1192-05

York Project (SDG) No.

24F1192

Client Project ID

Elka

Matrix

Soil

Collection Date/Time

June 17, 2024 3:00 pm

Date Received

06/18/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 15:04	SS
85-01-8	Phenanthrene	0.445		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 15:04	SS
108-95-2	Phenol	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 15:04	SS
129-00-0	Pyrene	1.03		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 15:04	SS
110-86-1	Pyridine	ND		mg/kg dry	0.184	0.369	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 15:04	SS
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	54.9 %	20-108								
13127-88-3	Surrogate: SURR: Phenol-d6	55.0 %	23-114								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	51.8 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	54.7 %	21-113								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	61.2 %	19-110								
1718-51-0	Surrogate: SURR: Terphenyl-d14	69.2 %	24-116								

Metals, Target Analyte

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
7429-90-5	Aluminum	8000	M-CCV 1	mg/kg dry	4.65	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:16	06/21/2024 16:21	AGNR
7440-36-0	Antimony	ND		mg/kg dry	2.32	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:16	06/21/2024 16:21	AGNR
7440-38-2	Arsenic	7.23		mg/kg dry	1.39	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:16	06/21/2024 16:21	AGNR
7440-39-3	Barium	55.2		mg/kg dry	2.32	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:16	06/21/2024 16:21	AGNR
7440-41-7	Beryllium	ND		mg/kg dry	0.047	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:16	06/21/2024 16:21	AGNR
7440-43-9	Cadmium	0.415		mg/kg dry	0.279	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:16	06/21/2024 16:21	AGNR
7440-70-2	Calcium	55200		mg/kg dry	4.65	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:16	06/21/2024 16:21	AGNR
7440-47-3	Chromium	20.9		mg/kg dry	0.465	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:16	06/21/2024 16:21	AGNR
7440-48-4	Cobalt	3.89		mg/kg dry	0.371	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:16	06/21/2024 16:21	AGNR
7440-50-8	Copper	35.8		mg/kg dry	1.86	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:16	06/21/2024 16:21	AGNR



Sample Information

Client Sample ID: SB-5 (0-6 in.)

York Sample ID: 24F1192-05

York Project (SDG) No.

24F1192

Client Project ID

Elka

Matrix

Soil

Collection Date/Time

June 17, 2024 3:00 pm

Date Received

06/18/2024

Metals, Target Analyte

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
7439-89-6	Iron	10700		mg/kg dry	23.2	1	EPA 6010D	06/20/2024 14:16	06/21/2024 16:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	Lead	57.1		mg/kg dry	0.465	1	EPA 6010D	06/20/2024 14:16	06/21/2024 16:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	Magnesium	17200		mg/kg dry	4.65	1	EPA 6010D	06/20/2024 14:16	06/21/2024 16:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	Manganese	182		mg/kg dry	0.465	1	EPA 6010D	06/20/2024 14:16	06/21/2024 16:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	Nickel	10.2		mg/kg dry	0.926	1	EPA 6010D	06/20/2024 14:16	06/21/2024 16:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	Potassium	1240	M-CCV 1	mg/kg dry	4.65	1	EPA 6010D	06/20/2024 14:16	06/21/2024 16:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	2.32	1	EPA 6010D	06/20/2024 14:16	06/21/2024 16:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-22-4	Silver	ND		mg/kg dry	0.468	1	EPA 6010D	06/20/2024 14:16	06/21/2024 16:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-23-5	Sodium	182	M-CCV 1	mg/kg dry	46.5	1	EPA 6010D	06/20/2024 14:16	06/21/2024 16:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-28-0	Thallium	ND		mg/kg dry	2.32	1	EPA 6010D	06/20/2024 14:16	06/21/2024 16:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-62-2	Vanadium	19.8		mg/kg dry	0.926	1	EPA 6010D	06/20/2024 14:16	06/21/2024 16:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	Zinc	59.8		mg/kg dry	2.31	1	EPA 6010D	06/20/2024 14:16	06/21/2024 16:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

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	0.0571		mg/kg dry	0.0335	1	EPA 7473	06/19/2024 15:31	06/20/2024 21:52	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04		

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	89.7		%	0.100	1	SM 2540G	06/19/2024 12:55	06/19/2024 14:55	HLV
							Certifications:	CTDOH-PH-0723		



Sample Information

Client Sample ID: SB-6 (0-6 in.)

York Sample ID: 24F1192-06

York Project (SDG) No.

24F1192

Client Project ID

Elka

Matrix

Soil

Collection Date/Time

June 17, 2024 3:00 pm

Date Received

06/18/2024

Volatiles, 8260 Comprehensive

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
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:45	ME
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:45	ME
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:45	ME
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:45	ME
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:45	ME
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:45	ME
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:45	ME
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:45	ME
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:45	ME
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:45	ME
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:45	ME
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:45	ME
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:45	ME
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:45	ME
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:45	ME
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:45	ME
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:45	ME
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:45	ME
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:45	ME
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:45	ME
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:45	ME
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.098	0.20	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:45	ME
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:45	ME



Sample Information

Client Sample ID: SB-6 (0-6 in.)

York Sample ID: 24F1192-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F1192

Elka

Soil

June 17, 2024 3:00 pm

06/18/2024

Volatiles, 8260 Comprehensive

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
78-93-3	2-Butanone	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:45	ME
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:45	ME
591-78-6	2-Hexanone	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:45	ME
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:45	ME
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:45	ME
67-64-1	Acetone	0.028	CCVE	mg/kg dry	0.0098	0.020	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:45	ME
107-02-8	Acrolein	ND		mg/kg dry	0.0098	0.020	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:45	ME
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:45	ME
71-43-2	Benzene	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:45	ME
108-86-1	Bromobenzene	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:45	ME
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:45	ME
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:45	ME
75-25-2	Bromoform	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:45	ME
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:45	ME
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:45	ME
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:45	ME
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:45	ME
75-00-3	Chloroethane	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:45	ME
67-66-3	Chloroform	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:45	ME
74-87-3	Chloromethane	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:45	ME
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:45	ME
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:45	ME
110-82-7	Cyclohexane	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:45	ME



Sample Information

Client Sample ID: SB-6 (0-6 in.)

York Sample ID: 24F1192-06

York Project (SDG) No.

24F1192

Client Project ID

Elka

Matrix

Soil

Collection Date/Time

June 17, 2024 3:00 pm

Date Received

06/18/2024

Volatiles, 8260 Comprehensive

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
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:45	ME
74-95-3	Dibromomethane	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:45	ME
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:45	ME
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:45	ME
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:45	ME
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:45	ME
79-20-9	Methyl acetate	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:45	ME
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:45	ME
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:45	ME
75-09-2	Methylene chloride	ND		mg/kg dry	0.0098	0.020	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:45	ME
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:45	ME
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:45	ME
95-47-6	o-Xylene	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:45	ME
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0098	0.020	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:45	ME
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:45	ME
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:45	ME
100-42-5	Styrene	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:45	ME
75-65-0	tert-Butyl alcohol (TBA)	0.014		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:45	ME
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:45	ME
127-18-4	Tetrachloroethylene	ND	CCVE, QL-02	mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:45	ME
108-88-3	Toluene	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:45	ME
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:45	ME
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 16:45	ME



Sample Information

Client Sample ID: SB-6 (0-6 in.)

York Sample ID: 24F1192-06

York Project (SDG) No.

24F1192

Client Project ID

Elka

Matrix

Soil

Collection Date/Time

June 17, 2024 3:00 pm

Date Received

06/18/2024

Volatiles, 8260 Comprehensive

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
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	06/20/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 16:45	ME
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	06/20/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 16:45	ME
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	06/20/2024 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 16:45	ME
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	06/20/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 16:45	ME
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.015	0.029	1	EPA 8260C Certifications:	06/20/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 16:45	ME
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	99.2 %		77-125							
2037-26-5	Surrogate: SURR: Toluene-d8	107 %		85-120							
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	111 %		76-130							

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2024 15:35	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.103	0.207	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2024 15:35	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 15:35	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,PADEP-68-04440	06/20/2024 15:35	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2024 15:35	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,PADEP-68-04440	06/20/2024 15:35	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,PADEP-68-04440	06/20/2024 15:35	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.103	0.207	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2024 15:35	SS
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 15:35	SS
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 15:35	SS
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 15:35	SS
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 15:35	SS



Sample Information

Client Sample ID: SB-6 (0-6 in.)

York Sample ID: 24F1192-06

York Project (SDG) No.

24F1192

Client Project ID

Elka

Matrix

Soil

Collection Date/Time

June 17, 2024 3:00 pm

Date Received

06/18/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.103	0.207	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 15:35	SS
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 15:35	SS
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 15:35	SS
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 15:35	SS
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 15:35	SS
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 15:35	SS
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 15:35	SS
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.103	0.207	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 15:35	SS
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 15:35	SS
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 15:35	SS
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2024 15:35	SS
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.103	0.207	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 15:35	SS
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.103	0.207	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 15:35	SS
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 15:35	SS
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 15:35	SS
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 15:35	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 15:35	SS
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.103	0.207	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 15:35	SS
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.103	0.207	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 15:35	SS
83-32-9	Acenaphthene	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 15:35	SS
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 15:35	SS
98-86-2	Acetophenone	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2024 15:35	SS
62-53-3	Aniline	ND		mg/kg dry	0.207	0.414	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2024 15:35	SS



Sample Information

Client Sample ID: SB-6 (0-6 in.)

York Sample ID: 24F1192-06

York Project (SDG) No.

Client Project ID

Matrix

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Elka

Soil

June 17, 2024 3:00 pm

06/18/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 15:35	SS
1912-24-9	Atrazine	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2024 15:35	SS
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2024 15:35	SS
92-87-5	Benzidine	ND		mg/kg dry	0.207	0.414	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	06/20/2024 15:35	SS
56-55-3	Benzo(a)anthracene	0.269		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 15:35	SS
50-32-8	Benzo(a)pyrene	0.255		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 15:35	SS
205-99-2	Benzo(b)fluoranthene	0.271		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 15:35	SS
191-24-2	Benzo(g,h,i)perylene	0.174		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 15:35	SS
207-08-9	Benzo(k)fluoranthene	0.244		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 15:35	SS
65-85-0	Benzoic acid	ND	CAL-E, CCVE	mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2024 15:35	SS
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2024 15:35	SS
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 15:35	SS
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 15:35	SS
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 15:35	SS
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 15:35	SS
117-81-7	Bis(2-ethylhexyl)phthalate	0.627		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 15:35	SS
105-60-2	Caprolactam	ND		mg/kg dry	0.103	0.207	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2024 15:35	SS
86-74-8	Carbazole	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 15:35	SS
218-01-9	Chrysene	0.312		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 15:35	SS
53-70-3	Dibenzo(a,h)anthracene	0.0562	J	mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 15:35	SS
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 15:35	SS
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 15:35	SS
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 15:35	SS



Sample Information

Client Sample ID: SB-6 (0-6 in.)			York Sample ID: 24F1192-06		
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24F1192	Elka	Soil	June 17, 2024 3:00 pm	06/18/2024	

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 15:35	SS
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 15:35	SS
206-44-0	Fluoranthene	0.615		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 15:35	SS
86-73-7	Fluorene	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/19/2024 08:45	06/20/2024 15:35	SS
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 15:35	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 15:35	SS
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 15:35	SS
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 15:35	SS
193-39-5	Indeno(1,2,3-cd)pyrene	0.156		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 15:35	SS
78-59-1	Isophorone	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 15:35	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 15:35	SS
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 15:35	SS
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 15:35	SS
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 15:35	SS
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 15:35	SS
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 15:35	SS
85-01-8	Phenanthrene	0.279		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 15:35	SS
108-95-2	Phenol	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 15:35	SS
129-00-0	Pyrene	0.511		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 15:35	SS
110-86-1	Pyridine	ND		mg/kg dry	0.207	0.414	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 15:35	SS
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	70.0 %	20-108								
13127-88-3	Surrogate: SURR: Phenol-d6	67.7 %	23-114								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	64.6 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	71.0 %	21-113								



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York Sample ID: 24F1192-06

York Project (SDG) No.

24F1192

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Elka

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Collection Date/Time

June 17, 2024 3:00 pm

Date Received

06/18/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	78.9 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	86.2 %			24-116						

Metals, Target Analyte

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
7429-90-5	Aluminum	8250	M-CCV 1	mg/kg dry	5.25	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:33	AGNR
7440-36-0	Antimony	ND		mg/kg dry	2.63	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:33	AGNR
7440-38-2	Arsenic	10.9		mg/kg dry	1.58	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:33	AGNR
7440-39-3	Barium	54.3		mg/kg dry	2.62	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:33	AGNR
7440-41-7	Beryllium	ND		mg/kg dry	0.053	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:33	AGNR
7440-43-9	Cadmium	0.737		mg/kg dry	0.315	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:33	AGNR
7440-70-2	Calcium	5220		mg/kg dry	5.25	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:33	AGNR
7440-47-3	Chromium	19.2		mg/kg dry	0.526	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:33	AGNR
7440-48-4	Cobalt	3.41		mg/kg dry	0.420	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:33	AGNR
7440-50-8	Copper	40.2		mg/kg dry	2.10	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:33	AGNR
7439-89-6	Iron	12600		mg/kg dry	26.3	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:33	AGNR
7439-92-1	Lead	46.6		mg/kg dry	0.526	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:33	AGNR
7439-95-4	Magnesium	1650		mg/kg dry	5.26	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:33	AGNR
7439-96-5	Manganese	247		mg/kg dry	0.526	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:33	AGNR
7440-02-0	Nickel	10.7		mg/kg dry	1.05	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:33	AGNR
7440-09-7	Potassium	705	M-CCV 1	mg/kg dry	5.26	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:33	AGNR
7782-49-2	Selenium	ND		mg/kg dry	2.63	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:33	AGNR
7440-22-4	Silver	ND		mg/kg dry	0.529	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:33	AGNR



Sample Information

<u>Client Sample ID:</u> SB-6 (0-6 in.)			<u>York Sample ID:</u> 24F1192-06	
<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
24F1192	Elka	Soil	June 17, 2024 3:00 pm	06/18/2024

Metals, Target Analyte

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
7440-23-5	Sodium	73.9	M-CCV 1	mg/kg dry	52.5	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:33	AGNR
7440-28-0	Thallium	ND		mg/kg dry	2.63	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:33	AGNR
7440-62-2	Vanadium	17.2		mg/kg dry	1.05	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:33	AGNR
7440-66-6	Zinc	113		mg/kg dry	2.62	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:33	AGNR

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	0.0937		mg/kg dry	0.0378	1	EPA 7473 Certifications: CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04	06/19/2024 15:31	06/20/2024 21:52	DRS

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	79.3		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	06/19/2024 12:55	06/19/2024 14:55	HLV

Sample Information

<u>Client Sample ID:</u> SB-7 (0-6 in.)			<u>York Sample ID:</u> 24F1192-07	
<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
24F1192	Elka	Soil	June 17, 2024 3:00 pm	06/18/2024

Volatiles, 8260 Comprehensive

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
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:00	06/20/2024 21:27	ME
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:00	06/20/2024 21:27	ME
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:00	06/20/2024 21:27	ME



Sample Information

Client Sample ID: SB-7 (0-6 in.)

York Sample ID: 24F1192-07

York Project (SDG) No.

24F1192

Client Project ID

Elka

Matrix

Soil

Collection Date/Time

June 17, 2024 3:00 pm

Date Received

06/18/2024

Volatiles, 8260 Comprehensive

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
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C Certifications:	06/20/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 21:27	ME
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C Certifications:	06/20/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 21:27	ME
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C Certifications:	06/20/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 21:27	ME
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C Certifications:	06/20/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 21:27	ME
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C Certifications:	06/20/2024 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 21:27	ME
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C Certifications:	06/20/2024 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 21:27	ME
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C Certifications:	06/20/2024 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	06/20/2024 21:27	ME
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C Certifications:	06/20/2024 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 21:27	ME
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C Certifications:	06/20/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 21:27	ME
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C Certifications:	06/20/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 21:27	ME
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C Certifications:	06/20/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 21:27	ME
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C Certifications:	06/20/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 21:27	ME
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C Certifications:	06/20/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 21:27	ME
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C Certifications:	06/20/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 21:27	ME
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C Certifications:	06/20/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 21:27	ME
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C Certifications:	06/20/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 21:27	ME
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C Certifications:	06/20/2024 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 21:27	ME
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C Certifications:	06/20/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 21:27	ME
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.099	0.20	1	EPA 8260C Certifications:	06/20/2024 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 21:27	ME
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C Certifications:	06/20/2024 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	06/20/2024 21:27	ME
78-93-3	2-Butanone	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C Certifications:	06/20/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 21:27	ME
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C Certifications:	06/20/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 21:27	ME
591-78-6	2-Hexanone	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C Certifications:	06/20/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 21:27	ME



Sample Information

Client Sample ID: SB-7 (0-6 in.)

York Sample ID: 24F1192-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F1192

Elka

Soil

June 17, 2024 3:00 pm

06/18/2024

Volatiles, 8260 Comprehensive

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
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:27	ME
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:27	ME
67-64-1	Acetone	0.095	CCVE	mg/kg dry	0.0099	0.020	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:27	ME
107-02-8	Acrolein	ND		mg/kg dry	0.0099	0.020	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:27	ME
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:27	ME
71-43-2	Benzene	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:27	ME
108-86-1	Bromobenzene	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:27	ME
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:27	ME
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:27	ME
75-25-2	Bromoform	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:27	ME
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0049	0.0099	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:27	ME
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:27	ME
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:27	ME
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:27	ME
75-00-3	Chloroethane	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:27	ME
67-66-3	Chloroform	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:27	ME
74-87-3	Chloromethane	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:27	ME
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:27	ME
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:27	ME
110-82-7	Cyclohexane	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:27	ME
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:27	ME
74-95-3	Dibromomethane	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:27	ME
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0049	0.0099	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:27	ME



Sample Information

Client Sample ID: SB-7 (0-6 in.)

York Sample ID: 24F1192-07

York Project (SDG) No.

24F1192

Client Project ID

Elka

Matrix

Soil

Collection Date/Time

June 17, 2024 3:00 pm

Date Received

06/18/2024

Volatiles, 8260 Comprehensive

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
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:27	ME
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:27	ME
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:27	ME
79-20-9	Methyl acetate	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:27	ME
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:27	ME
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:27	ME
75-09-2	Methylene chloride	ND		mg/kg dry	0.0099	0.020	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:27	ME
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:27	ME
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:27	ME
95-47-6	o-Xylene	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:27	ME
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0099	0.020	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:27	ME
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:27	ME
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:27	ME
100-42-5	Styrene	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:27	ME
75-65-0	tert-Butyl alcohol (TBA)	0.015		mg/kg dry	0.0049	0.0099	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:27	ME
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:27	ME
127-18-4	Tetrachloroethylene	ND	CCVE, QL-02	mg/kg dry	0.0049	0.0099	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:27	ME
108-88-3	Toluene	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:27	ME
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:27	ME
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:27	ME
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:27	ME
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:27	ME
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:27	ME



Sample Information

Client Sample ID: SB-7 (0-6 in.)

York Sample ID: 24F1192-07

York Project (SDG) No.

24F1192

Client Project ID

Elka

Matrix

Soil

Collection Date/Time

June 17, 2024 3:00 pm

Date Received

06/18/2024

Volatiles, 8260 Comprehensive

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
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:00	06/20/2024 21:27	ME
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.015	0.030	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:00	06/20/2024 21:27	ME
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	98.7 %									
2037-26-5	Surrogate: SURR: Toluene-d8	107 %									
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	109 %									

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0575	0.115	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/19/2024 08:45	06/20/2024 16:06	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.115	0.229	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/19/2024 08:45	06/20/2024 16:06	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0575	0.115	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 16:06	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0575	0.115	2	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	06/19/2024 08:45	06/20/2024 16:06	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0575	0.115	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/19/2024 08:45	06/20/2024 16:06	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0575	0.115	2	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	06/19/2024 08:45	06/20/2024 16:06	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0575	0.115	2	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	06/19/2024 08:45	06/20/2024 16:06	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.115	0.229	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/19/2024 08:45	06/20/2024 16:06	SS
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0575	0.115	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 16:06	SS
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0575	0.115	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 16:06	SS
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0575	0.115	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 16:06	SS
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0575	0.115	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 16:06	SS
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.115	0.229	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 16:06	SS
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0575	0.115	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 16:06	SS
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0575	0.115	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 16:06	SS



Sample Information

Client Sample ID: SB-7 (0-6 in.)

York Sample ID: 24F1192-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F1192

Elka

Soil

June 17, 2024 3:00 pm

06/18/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0575	0.115	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 16:06	SS
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0575	0.115	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 16:06	SS
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0575	0.115	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 16:06	SS
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0575	0.115	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 16:06	SS
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.115	0.229	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 16:06	SS
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0575	0.115	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 16:06	SS
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0575	0.115	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 16:06	SS
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0575	0.115	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2024 16:06	SS
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.115	0.229	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 16:06	SS
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.115	0.229	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 16:06	SS
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0575	0.115	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 16:06	SS
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0575	0.115	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 16:06	SS
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0575	0.115	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 16:06	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0575	0.115	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 16:06	SS
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.115	0.229	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 16:06	SS
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.115	0.229	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 16:06	SS
83-32-9	Acenaphthene	ND		mg/kg dry	0.0575	0.115	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 16:06	SS
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0575	0.115	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 16:06	SS
98-86-2	Acetophenone	ND		mg/kg dry	0.0575	0.115	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2024 16:06	SS
62-53-3	Aniline	ND		mg/kg dry	0.230	0.460	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2024 16:06	SS
120-12-7	Anthracene	0.0670	J	mg/kg dry	0.0575	0.115	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 16:06	SS
1912-24-9	Atrazine	ND		mg/kg dry	0.0575	0.115	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2024 16:06	SS
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0575	0.115	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2024 16:06	SS



Sample Information

Client Sample ID: SB-7 (0-6 in.)

York Sample ID: 24F1192-07

York Project (SDG) No.

24F1192

Client Project ID

Elka

Matrix

Soil

Collection Date/Time

June 17, 2024 3:00 pm

Date Received

06/18/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-87-5	Benzidine	ND		mg/kg dry	0.230	0.460	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	06/19/2024 08:45	06/20/2024 16:06	SS
56-55-3	Benzo(a)anthracene	0.403		mg/kg dry	0.0575	0.115	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 08:45	06/20/2024 16:06	SS
50-32-8	Benzo(a)pyrene	0.372		mg/kg dry	0.0575	0.115	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 08:45	06/20/2024 16:06	SS
205-99-2	Benzo(b)fluoranthene	0.439		mg/kg dry	0.0575	0.115	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 08:45	06/20/2024 16:06	SS
191-24-2	Benzo(g,h,i)perylene	0.266		mg/kg dry	0.0575	0.115	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 08:45	06/20/2024 16:06	SS
207-08-9	Benzo(k)fluoranthene	0.363		mg/kg dry	0.0575	0.115	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 08:45	06/20/2024 16:06	SS
65-85-0	Benzoic acid	ND	CAL-E, CCVE	mg/kg dry	0.0575	0.115	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/19/2024 08:45	06/20/2024 16:06	SS
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0575	0.115	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/19/2024 08:45	06/20/2024 16:06	SS
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0575	0.115	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 16:06	SS
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0575	0.115	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 16:06	SS
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0575	0.115	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 16:06	SS
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0575	0.115	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 16:06	SS
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0575	0.115	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 16:06	SS
105-60-2	Caprolactam	ND		mg/kg dry	0.115	0.229	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/19/2024 08:45	06/20/2024 16:06	SS
86-74-8	Carbazole	ND		mg/kg dry	0.0575	0.115	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 16:06	SS
218-01-9	Chrysene	0.531		mg/kg dry	0.0575	0.115	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 08:45	06/20/2024 16:06	SS
53-70-3	Dibenzo(a,h)anthracene	0.0881	J	mg/kg dry	0.0575	0.115	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 08:45	06/20/2024 16:06	SS
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0575	0.115	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 16:06	SS
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0575	0.115	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 16:06	SS
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0575	0.115	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 16:06	SS
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0575	0.115	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 16:06	SS
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0575	0.115	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 16:06	SS
206-44-0	Fluoranthene	1.11		mg/kg dry	0.0575	0.115	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 08:45	06/20/2024 16:06	SS



Sample Information

Client Sample ID: SB-7 (0-6 in.)

York Sample ID: 24F1192-07

York Project (SDG) No.

24F1192

Client Project ID

Elka

Matrix

Soil

Collection Date/Time

June 17, 2024 3:00 pm

Date Received

06/18/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	ND		mg/kg dry	0.0575	0.115	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/19/2024 08:45	06/20/2024 16:06	SS
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0575	0.115	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 16:06	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0575	0.115	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 16:06	SS
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	mg/kg dry	0.0575	0.115	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 16:06	SS
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0575	0.115	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 16:06	SS
193-39-5	Indeno(1,2,3-cd)pyrene	0.233		mg/kg dry	0.0575	0.115	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 16:06	SS
78-59-1	Isophorone	ND		mg/kg dry	0.0575	0.115	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 16:06	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0575	0.115	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 16:06	SS
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0575	0.115	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 16:06	SS
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0575	0.115	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 16:06	SS
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0575	0.115	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 16:06	SS
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0575	0.115	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 16:06	SS
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0575	0.115	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 16:06	SS
85-01-8	Phenanthrene	0.531		mg/kg dry	0.0575	0.115	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 16:06	SS
108-95-2	Phenol	ND		mg/kg dry	0.0575	0.115	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 16:06	SS
129-00-0	Pyrene	0.974		mg/kg dry	0.0575	0.115	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 16:06	SS
110-86-1	Pyridine	ND		mg/kg dry	0.230	0.460	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 16:06	SS
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	66.8 %	20-108								
13127-88-3	Surrogate: SURR: Phenol-d6	65.9 %	23-114								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	61.4 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	65.0 %	21-113								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	72.3 %	19-110								
1718-51-0	Surrogate: SURR: Terphenyl-d14	84.3 %	24-116								

Metals, Target Analyte

Log-in Notes:

Sample Notes:

120 RESEARCH DRIVE
www.YORKLAB.com

STRATFORD, CT 06615
(203) 325-1371

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

RICHMOND HILL, NY 11418
ClientServices@



Sample Information

Client Sample ID: SB-7 (0-6 in.)

York Sample ID: 24F1192-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F1192

Elka

Soil

June 17, 2024 3:00 pm

06/18/2024

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
7429-90-5	Aluminum	5250	M-CCV 1	mg/kg dry	5.75	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:36	AGNR
7440-36-0	Antimony	ND		mg/kg dry	2.88	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:36	AGNR
7440-38-2	Arsenic	5.89		mg/kg dry	1.73	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:36	AGNR
7440-39-3	Barium	38.4		mg/kg dry	2.87	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:36	AGNR
7440-41-7	Beryllium	ND		mg/kg dry	0.058	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:36	AGNR
7440-43-9	Cadmium	4.01		mg/kg dry	0.345	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:36	AGNR
7440-70-2	Calcium	22200		mg/kg dry	5.75	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:36	AGNR
7440-47-3	Chromium	13.3		mg/kg dry	0.576	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:36	AGNR
7440-48-4	Cobalt	3.47		mg/kg dry	0.460	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:36	AGNR
7440-50-8	Copper	43.3		mg/kg dry	2.30	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:36	AGNR
7439-89-6	Iron	7350		mg/kg dry	28.8	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:36	AGNR
7439-92-1	Lead	40.7		mg/kg dry	0.576	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:36	AGNR
7439-95-4	Magnesium	3540		mg/kg dry	5.76	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:36	AGNR
7439-96-5	Manganese	132		mg/kg dry	0.576	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:36	AGNR
7440-02-0	Nickel	8.96		mg/kg dry	1.15	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:36	AGNR
7440-09-7	Potassium	563	M-CCV 1	mg/kg dry	5.76	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:36	AGNR
7782-49-2	Selenium	ND		mg/kg dry	2.88	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:36	AGNR
7440-22-4	Silver	ND		mg/kg dry	0.580	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:36	AGNR
7440-23-5	Sodium	129	M-CCV 1	mg/kg dry	57.5	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:36	AGNR
7440-28-0	Thallium	ND		mg/kg dry	2.88	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:36	AGNR
7440-62-2	Vanadium	19.3		mg/kg dry	1.15	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:36	AGNR
7440-66-6	Zinc	140		mg/kg dry	2.87	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:36	AGNR



Sample Information

Client Sample ID: SB-7 (0-6 in.)

York Sample ID: 24F1192-07

York Project (SDG) No.

24F1192

Client Project ID

Elka

Matrix

Soil

Collection Date/Time

June 17, 2024 3:00 pm

Date Received

06/18/2024

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	0.0580		mg/kg dry	0.0414	1	EPA 7473	06/19/2024 15:31	06/20/2024 21:52	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04		

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	72.4		%	0.100	1	SM 2540G	06/19/2024 12:55	06/19/2024 14:55	HLV
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB-8 (0-6 in.)

York Sample ID: 24F1192-08

York Project (SDG) No.

24F1192

Client Project ID

Elka

Matrix

Soil

Collection Date/Time

June 17, 2024 3:00 pm

Date Received

06/18/2024

Volatiles, 8260 Comprehensive

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
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C	06/20/2024 09:00	06/20/2024 21:54	ME
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C	06/20/2024 09:00	06/20/2024 21:54	ME
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C	06/20/2024 09:00	06/20/2024 21:54	ME
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C	06/20/2024 09:00	06/20/2024 21:54	ME
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C	06/20/2024 09:00	06/20/2024 21:54	ME
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C	06/20/2024 09:00	06/20/2024 21:54	ME
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C	06/20/2024 09:00	06/20/2024 21:54	ME
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C	06/20/2024 09:00	06/20/2024 21:54	ME
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C	06/20/2024 09:00	06/20/2024 21:54	ME
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C	06/20/2024 09:00	06/20/2024 21:54	ME
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			



Sample Information

Client Sample ID: SB-8 (0-6 in.)

York Sample ID: 24F1192-08

York Project (SDG) No.

24F1192

Client Project ID

Elka

Matrix

Soil

Collection Date/Time

June 17, 2024 3:00 pm

Date Received

06/18/2024

Volatiles, 8260 Comprehensive

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
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:54	ME
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:54	ME
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:54	ME
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:54	ME
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:54	ME
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:54	ME
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:54	ME
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:54	ME
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:54	ME
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:54	ME
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:54	ME
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.081	0.16	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:54	ME
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:54	ME
78-93-3	2-Butanone	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:54	ME
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:54	ME
591-78-6	2-Hexanone	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:54	ME
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:54	ME
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:54	ME
67-64-1	Acetone	0.023	CCVE	mg/kg dry	0.0081	0.016	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:54	ME
107-02-8	Acrolein	ND		mg/kg dry	0.0081	0.016	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:54	ME
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:54	ME
71-43-2	Benzene	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:54	ME
108-86-1	Bromobenzene	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:54	ME



Sample Information

Client Sample ID: SB-8 (0-6 in.)

York Sample ID: 24F1192-08

York Project (SDG) No.

24F1192

Client Project ID

Elka

Matrix

Soil

Collection Date/Time

June 17, 2024 3:00 pm

Date Received

06/18/2024

Volatiles, 8260 Comprehensive

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
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:54	ME
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:54	ME
75-25-2	Bromoform	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:54	ME
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:54	ME
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:54	ME
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:54	ME
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:54	ME
75-00-3	Chloroethane	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:54	ME
67-66-3	Chloroform	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:54	ME
74-87-3	Chloromethane	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:54	ME
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:54	ME
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:54	ME
110-82-7	Cyclohexane	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:54	ME
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:54	ME
74-95-3	Dibromomethane	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:54	ME
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:54	ME
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:54	ME
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:54	ME
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:54	ME
79-20-9	Methyl acetate	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:54	ME
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:54	ME
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:54	ME
75-09-2	Methylene chloride	ND		mg/kg dry	0.0081	0.016	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:54	ME



Sample Information

Client Sample ID: SB-8 (0-6 in.)

York Sample ID: 24F1192-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F1192

Elka

Soil

June 17, 2024 3:00 pm

06/18/2024

Volatiles, 8260 Comprehensive

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
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:54	ME
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:54	ME
95-47-6	o-Xylene	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:54	ME
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0081	0.016	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:54	ME
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:54	ME
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:54	ME
100-42-5	Styrene	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:54	ME
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:54	ME
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:54	ME
127-18-4	Tetrachloroethylene	ND	CCVE, QL-02	mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:54	ME
108-88-3	Toluene	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:54	ME
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:54	ME
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:54	ME
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:54	ME
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:54	ME
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:54	ME
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:54	ME
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.012	0.024	1	EPA 8260C Certifications:	06/20/2024 09:00	06/20/2024 21:54	ME
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	100 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	106 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	107 %	76-130								

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SB-8 (0-6 in.)

York Sample ID: 24F1192-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F1192

Elka

Soil

June 17, 2024 3:00 pm

06/18/2024

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/19/2024 08:45	06/20/2024 16:37	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0961	0.192	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/19/2024 08:45	06/20/2024 16:37	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 16:37	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	06/19/2024 08:45	06/20/2024 16:37	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/19/2024 08:45	06/20/2024 16:37	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	06/19/2024 08:45	06/20/2024 16:37	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	06/19/2024 08:45	06/20/2024 16:37	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0961	0.192	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/19/2024 08:45	06/20/2024 16:37	SS
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 16:37	SS
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 16:37	SS
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 16:37	SS
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 16:37	SS
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0961	0.192	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 16:37	SS
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 16:37	SS
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 16:37	SS
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 16:37	SS
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 16:37	SS
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 16:37	SS
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 16:37	SS
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0961	0.192	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 16:37	SS
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 16:37	SS
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 16:37	SS
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/19/2024 08:45	06/20/2024 16:37	SS
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0961	0.192	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 16:37	SS



Sample Information

Client Sample ID: SB-8 (0-6 in.)

York Sample ID: 24F1192-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F1192

Elka

Soil

June 17, 2024 3:00 pm

06/18/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0961	0.192	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 16:37	SS
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 16:37	SS
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 16:37	SS
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 16:37	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 16:37	SS
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0961	0.192	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 16:37	SS
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0961	0.192	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 16:37	SS
83-32-9	Acenaphthene	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 16:37	SS
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 16:37	SS
98-86-2	Acetophenone	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2024 16:37	SS
62-53-3	Aniline	ND		mg/kg dry	0.192	0.385	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2024 16:37	SS
120-12-7	Anthracene	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 16:37	SS
1912-24-9	Atrazine	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2024 16:37	SS
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2024 16:37	SS
92-87-5	Benzidine	ND		mg/kg dry	0.192	0.385	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	06/20/2024 16:37	SS
56-55-3	Benzo(a)anthracene	0.213		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 16:37	SS
50-32-8	Benzo(a)pyrene	0.210		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 16:37	SS
205-99-2	Benzo(b)fluoranthene	0.244		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 16:37	SS
191-24-2	Benzo(g,h,i)perylene	0.171		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 16:37	SS
207-08-9	Benzo(k)fluoranthene	0.210		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 16:37	SS
65-85-0	Benzoic acid	ND	CAL-E, CCVE	mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2024 16:37	SS
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2024 16:37	SS
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 16:37	SS



Sample Information

Client Sample ID: SB-8 (0-6 in.)

York Sample ID: 24F1192-08

York Project (SDG) No.

24F1192

Client Project ID

Elka

Matrix

Soil

Collection Date/Time

June 17, 2024 3:00 pm

Date Received

06/18/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 16:37	SS
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 16:37	SS
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 16:37	SS
117-81-7	Bis(2-ethylhexyl)phthalate	0.146		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 16:37	SS
105-60-2	Caprolactam	ND		mg/kg dry	0.0961	0.192	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2024 16:37	SS
86-74-8	Carbazole	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 16:37	SS
218-01-9	Chrysene	0.257		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 16:37	SS
53-70-3	Dibenzo(a,h)anthracene	0.0546	J	mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 16:37	SS
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 16:37	SS
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 16:37	SS
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 16:37	SS
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 16:37	SS
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 16:37	SS
206-44-0	Fluoranthene	0.414		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 16:37	SS
86-73-7	Fluorene	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2024 16:37	SS
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 16:37	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 16:37	SS
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 16:37	SS
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 16:37	SS
193-39-5	Indeno(1,2,3-cd)pyrene	0.142		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 16:37	SS
78-59-1	Isophorone	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 16:37	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 16:37	SS
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 16:37	SS



Sample Information

Client Sample ID: SB-8 (0-6 in.)			York Sample ID: 24F1192-08		
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24F1192	Elka	Soil	June 17, 2024 3:00 pm	06/18/2024	

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 16:37	SS
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 16:37	SS
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 16:37	SS
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 16:37	SS
85-01-8	Phenanthrene	0.129		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 16:37	SS
108-95-2	Phenol	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 16:37	SS
129-00-0	Pyrene	0.417		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 16:37	SS
110-86-1	Pyridine	ND		mg/kg dry	0.192	0.385	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 16:37	SS
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	49.0 %	20-108								
13127-88-3	Surrogate: SURR: Phenol-d6	50.2 %	23-114								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	44.6 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	49.9 %	21-113								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	54.2 %	19-110								
1718-51-0	Surrogate: SURR: Terphenyl-d14	67.8 %	24-116								

Metals, Target Analyte

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
7429-90-5	Aluminum	7700	M-CCV 1	mg/kg dry	4.85	1	EPA 6010D Certifications:	06/20/2024 14:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/21/2024 16:38	AGNR
7440-36-0	Antimony	ND		mg/kg dry	2.42	1	EPA 6010D Certifications:	06/20/2024 14:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/21/2024 16:38	AGNR
7440-38-2	Arsenic	6.49		mg/kg dry	1.46	1	EPA 6010D Certifications:	06/20/2024 14:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/21/2024 16:38	AGNR
7440-39-3	Barium	44.2		mg/kg dry	2.42	1	EPA 6010D Certifications:	06/20/2024 14:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/21/2024 16:38	AGNR
7440-41-7	Beryllium	ND		mg/kg dry	0.049	1	EPA 6010D Certifications:	06/20/2024 14:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/21/2024 16:38	AGNR
7440-43-9	Cadmium	0.382		mg/kg dry	0.291	1	EPA 6010D Certifications:	06/20/2024 14:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/21/2024 16:38	AGNR
7440-70-2	Calcium	41300		mg/kg dry	4.85	1	EPA 6010D Certifications:	06/20/2024 14:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/21/2024 16:38	AGNR



Sample Information

Client Sample ID: SB-8 (0-6 in.)			York Sample ID: 24F1192-08		
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24F1192	Elka	Soil	June 17, 2024 3:00 pm	06/18/2024	

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-47-3	Chromium	17.6		mg/kg dry	0.485	1	EPA 6010D	06/20/2024 14:16	06/21/2024 16:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	Cobalt	3.96		mg/kg dry	0.388	1	EPA 6010D	06/20/2024 14:16	06/21/2024 16:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	Copper	28.3		mg/kg dry	1.94	1	EPA 6010D	06/20/2024 14:16	06/21/2024 16:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	Iron	9490		mg/kg dry	24.2	1	EPA 6010D	06/20/2024 14:16	06/21/2024 16:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	Lead	25.8		mg/kg dry	0.485	1	EPA 6010D	06/20/2024 14:16	06/21/2024 16:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	Magnesium	6210		mg/kg dry	4.85	1	EPA 6010D	06/20/2024 14:16	06/21/2024 16:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	Manganese	155		mg/kg dry	0.485	1	EPA 6010D	06/20/2024 14:16	06/21/2024 16:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	Nickel	9.74		mg/kg dry	0.966	1	EPA 6010D	06/20/2024 14:16	06/21/2024 16:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	Potassium	991	M-CCV 1	mg/kg dry	4.85	1	EPA 6010D	06/20/2024 14:16	06/21/2024 16:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	2.42	1	EPA 6010D	06/20/2024 14:16	06/21/2024 16:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-22-4	Silver	ND		mg/kg dry	0.489	1	EPA 6010D	06/20/2024 14:16	06/21/2024 16:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-23-5	Sodium	276	M-CCV 1	mg/kg dry	48.5	1	EPA 6010D	06/20/2024 14:16	06/21/2024 16:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-28-0	Thallium	ND		mg/kg dry	2.42	1	EPA 6010D	06/20/2024 14:16	06/21/2024 16:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-62-2	Vanadium	23.0		mg/kg dry	0.966	1	EPA 6010D	06/20/2024 14:16	06/21/2024 16:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	Zinc	76.7		mg/kg dry	2.42	1	EPA 6010D	06/20/2024 14:16	06/21/2024 16:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

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	0.0575		mg/kg dry	0.0349	1	EPA 7473	06/19/2024 15:31	06/20/2024 21:52	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04		

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



Sample Information

Client Sample ID: SB-8 (0-6 in.)

York Sample ID: 24F1192-08

York Project (SDG) No.

24F1192

Client Project ID

Elka

Matrix

Soil

Collection Date/Time

June 17, 2024 3:00 pm

Date Received

06/18/2024

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	85.9		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	06/19/2024 12:55	06/19/2024 14:55	HLV

Sample Information

Client Sample ID: SB-9 (0-6 in.)

York Sample ID: 24F1192-09

York Project (SDG) No.

24F1192

Client Project ID

Elka

Matrix

Soil

Collection Date/Time

June 17, 2024 3:00 pm

Date Received

06/18/2024

Volatiles, 8260 Comprehensive

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
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 12:30	06/22/2024 02:47	ME
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 12:30	06/22/2024 02:47	ME
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 12:30	06/22/2024 02:47	ME
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 12:30	06/22/2024 02:47	ME
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 12:30	06/22/2024 02:47	ME
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 12:30	06/22/2024 02:47	ME
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 12:30	06/22/2024 02:47	ME
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/21/2024 12:30	06/22/2024 02:47	ME
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/21/2024 12:30	06/22/2024 02:47	ME
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	06/21/2024 12:30	06/22/2024 02:47	ME
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/21/2024 12:30	06/22/2024 02:47	ME
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 12:30	06/22/2024 02:47	ME
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 12:30	06/22/2024 02:47	ME
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/21/2024 12:30	06/22/2024 02:47	ME



Sample Information

Client Sample ID: SB-9 (0-6 in.)

York Sample ID: 24F1192-09

York Project (SDG) No.

24F1192

Client Project ID

Elka

Matrix

Soil

Collection Date/Time

June 17, 2024 3:00 pm

Date Received

06/18/2024

Volatiles, 8260 Comprehensive

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
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications:	06/21/2024 12:30	06/22/2024 02:47	ME
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications:	06/21/2024 12:30	06/22/2024 02:47	ME
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications:	06/21/2024 12:30	06/22/2024 02:47	ME
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications:	06/21/2024 12:30	06/22/2024 02:47	ME
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications:	06/21/2024 12:30	06/22/2024 02:47	ME
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications:	06/21/2024 12:30	06/22/2024 02:47	ME
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications:	06/21/2024 12:30	06/22/2024 02:47	ME
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.096	0.19	1	EPA 8260C Certifications:	06/21/2024 12:30	06/22/2024 02:47	ME
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications:	06/21/2024 12:30	06/22/2024 02:47	ME
78-93-3	2-Butanone	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications:	06/21/2024 12:30	06/22/2024 02:47	ME
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications:	06/21/2024 12:30	06/22/2024 02:47	ME
591-78-6	2-Hexanone	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications:	06/21/2024 12:30	06/22/2024 02:47	ME
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications:	06/21/2024 12:30	06/22/2024 02:47	ME
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications:	06/21/2024 12:30	06/22/2024 02:47	ME
67-64-1	Acetone	ND		mg/kg dry	0.0096	0.019	1	EPA 8260C Certifications:	06/21/2024 12:30	06/22/2024 02:47	ME
107-02-8	Acrolein	ND	CAL-E, ICVE	mg/kg dry	0.0096	0.019	1	EPA 8260C Certifications:	06/21/2024 12:30	06/22/2024 02:47	ME
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications:	06/21/2024 12:30	06/22/2024 02:47	ME
71-43-2	Benzene	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications:	06/21/2024 12:30	06/22/2024 02:47	ME
108-86-1	Bromobenzene	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications:	06/21/2024 12:30	06/22/2024 02:47	ME
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications:	06/21/2024 12:30	06/22/2024 02:47	ME
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications:	06/21/2024 12:30	06/22/2024 02:47	ME
75-25-2	Bromoform	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications:	06/21/2024 12:30	06/22/2024 02:47	ME
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications:	06/21/2024 12:30	06/22/2024 02:47	ME



Sample Information

Client Sample ID: SB-9 (0-6 in.)

York Sample ID: 24F1192-09

York Project (SDG) No.

24F1192

Client Project ID

Elka

Matrix

Soil

Collection Date/Time

June 17, 2024 3:00 pm

Date Received

06/18/2024

Volatiles, 8260 Comprehensive

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
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications:	06/21/2024 12:30	06/22/2024 02:47	ME
56-23-5	Carbon tetrachloride	ND	CCVE	mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications:	06/21/2024 12:30	06/22/2024 02:47	ME
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications:	06/21/2024 12:30	06/22/2024 02:47	ME
75-00-3	Chloroethane	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications:	06/21/2024 12:30	06/22/2024 02:47	ME
67-66-3	Chloroform	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications:	06/21/2024 12:30	06/22/2024 02:47	ME
74-87-3	Chloromethane	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications:	06/21/2024 12:30	06/22/2024 02:47	ME
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications:	06/21/2024 12:30	06/22/2024 02:47	ME
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications:	06/21/2024 12:30	06/22/2024 02:47	ME
110-82-7	Cyclohexane	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications:	06/21/2024 12:30	06/22/2024 02:47	ME
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications:	06/21/2024 12:30	06/22/2024 02:47	ME
74-95-3	Dibromomethane	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications:	06/21/2024 12:30	06/22/2024 02:47	ME
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications:	06/21/2024 12:30	06/22/2024 02:47	ME
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications:	06/21/2024 12:30	06/22/2024 02:47	ME
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications:	06/21/2024 12:30	06/22/2024 02:47	ME
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications:	06/21/2024 12:30	06/22/2024 02:47	ME
79-20-9	Methyl acetate	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications:	06/21/2024 12:30	06/22/2024 02:47	ME
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications:	06/21/2024 12:30	06/22/2024 02:47	ME
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications:	06/21/2024 12:30	06/22/2024 02:47	ME
75-09-2	Methylene chloride	ND		mg/kg dry	0.0096	0.019	1	EPA 8260C Certifications:	06/21/2024 12:30	06/22/2024 02:47	ME
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications:	06/21/2024 12:30	06/22/2024 02:47	ME
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications:	06/21/2024 12:30	06/22/2024 02:47	ME
95-47-6	o-Xylene	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications:	06/21/2024 12:30	06/22/2024 02:47	ME
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0096	0.019	1	EPA 8260C Certifications:	06/21/2024 12:30	06/22/2024 02:47	ME



Sample Information

Client Sample ID: SB-9 (0-6 in.)

York Sample ID: 24F1192-09

York Project (SDG) No.

24F1192

Client Project ID

Elka

Matrix

Soil

Collection Date/Time

June 17, 2024 3:00 pm

Date Received

06/18/2024

Volatiles, 8260 Comprehensive

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
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications:	06/21/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/22/2024 02:47	ME
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications:	06/21/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/22/2024 02:47	ME
100-42-5	Styrene	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications:	06/21/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/22/2024 02:47	ME
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications:	06/21/2024 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/22/2024 02:47	ME
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications:	06/21/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/22/2024 02:47	ME
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications:	06/21/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/22/2024 02:47	ME
108-88-3	Toluene	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications:	06/21/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/22/2024 02:47	ME
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications:	06/21/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/22/2024 02:47	ME
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications:	06/21/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/22/2024 02:47	ME
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications:	06/21/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/22/2024 02:47	ME
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications:	06/21/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/22/2024 02:47	ME
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications:	06/21/2024 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/22/2024 02:47	ME
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications:	06/21/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/22/2024 02:47	ME
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.014	0.029	1	EPA 8260C Certifications:	06/21/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/22/2024 02:47	ME

Surrogate Recoveries		Result	Acceptance Range
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	100 %	77-125
2037-26-5	Surrogate: SURR: Toluene-d8	105 %	85-120
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	109 %	76-130

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0867	0.173	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2024 17:08	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.173	0.346	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2024 17:08	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0867	0.173	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 17:08	SS



Sample Information

Client Sample ID: SB-9 (0-6 in.)

York Sample ID: 24F1192-09

York Project (SDG) No.

24F1192

Client Project ID

Elka

Matrix

Soil

Collection Date/Time

June 17, 2024 3:00 pm

Date Received

06/18/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0867	0.173	2	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	06/19/2024 08:45	06/20/2024 17:08	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0867	0.173	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/19/2024 08:45	06/20/2024 17:08	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0867	0.173	2	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	06/19/2024 08:45	06/20/2024 17:08	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0867	0.173	2	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	06/19/2024 08:45	06/20/2024 17:08	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.173	0.346	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/19/2024 08:45	06/20/2024 17:08	SS
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0867	0.173	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 17:08	SS
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0867	0.173	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 17:08	SS
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0867	0.173	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 17:08	SS
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0867	0.173	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 17:08	SS
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.173	0.346	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 17:08	SS
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0867	0.173	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 17:08	SS
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0867	0.173	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 17:08	SS
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0867	0.173	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 17:08	SS
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0867	0.173	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 17:08	SS
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0867	0.173	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 17:08	SS
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0867	0.173	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 17:08	SS
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.173	0.346	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 17:08	SS
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0867	0.173	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 17:08	SS
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0867	0.173	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 17:08	SS
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0867	0.173	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/19/2024 08:45	06/20/2024 17:08	SS
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.173	0.346	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 17:08	SS
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.173	0.346	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 17:08	SS
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0867	0.173	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 17:08	SS



Sample Information

Client Sample ID: SB-9 (0-6 in.)

York Sample ID: 24F1192-09

York Project (SDG) No.

24F1192

Client Project ID

Elka

Matrix

Soil

Collection Date/Time

June 17, 2024 3:00 pm

Date Received

06/18/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0867	0.173	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 17:08	SS
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0867	0.173	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 17:08	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0867	0.173	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 17:08	SS
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.173	0.346	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 17:08	SS
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.173	0.346	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 17:08	SS
83-32-9	Acenaphthene	ND		mg/kg dry	0.0867	0.173	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 17:08	SS
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0867	0.173	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 17:08	SS
98-86-2	Acetophenone	ND		mg/kg dry	0.0867	0.173	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2024 17:08	SS
62-53-3	Aniline	ND		mg/kg dry	0.346	0.693	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2024 17:08	SS
120-12-7	Anthracene	0.169	J	mg/kg dry	0.0867	0.173	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 17:08	SS
1912-24-9	Atrazine	ND		mg/kg dry	0.0867	0.173	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2024 17:08	SS
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0867	0.173	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2024 17:08	SS
92-87-5	Benzidine	ND		mg/kg dry	0.346	0.693	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	06/20/2024 17:08	SS
56-55-3	Benzo(a)anthracene	2.01		mg/kg dry	0.0867	0.173	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 17:08	SS
50-32-8	Benzo(a)pyrene	2.24		mg/kg dry	0.0867	0.173	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 17:08	SS
205-99-2	Benzo(b)fluoranthene	2.81		mg/kg dry	0.0867	0.173	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 17:08	SS
191-24-2	Benzo(g,h,i)perylene	1.51		mg/kg dry	0.0867	0.173	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 17:08	SS
207-08-9	Benzo(k)fluoranthene	1.99		mg/kg dry	0.0867	0.173	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 17:08	SS
65-85-0	Benzoic acid	ND	CAL-E, CCVE	mg/kg dry	0.0867	0.173	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2024 17:08	SS
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0867	0.173	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2024 17:08	SS
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0867	0.173	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 17:08	SS
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0867	0.173	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 17:08	SS
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0867	0.173	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 17:08	SS



Sample Information

Client Sample ID: SB-9 (0-6 in.)

York Sample ID: 24F1192-09

York Project (SDG) No.

24F1192

Client Project ID

Elka

Matrix

Soil

Collection Date/Time

June 17, 2024 3:00 pm

Date Received

06/18/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0867	0.173	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 17:08	SS
117-81-7	Bis(2-ethylhexyl)phthalate	0.0968	J	mg/kg dry	0.0867	0.173	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 17:08	SS
105-60-2	Caprolactam	ND		mg/kg dry	0.173	0.346	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2024 17:08	SS
86-74-8	Carbazole	0.176		mg/kg dry	0.0867	0.173	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 17:08	SS
218-01-9	Chrysene	2.97		mg/kg dry	0.0867	0.173	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 17:08	SS
53-70-3	Dibenzo(a,h)anthracene	0.503		mg/kg dry	0.0867	0.173	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 17:08	SS
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0867	0.173	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 17:08	SS
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0867	0.173	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 17:08	SS
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0867	0.173	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 17:08	SS
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0867	0.173	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 17:08	SS
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0867	0.173	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 17:08	SS
206-44-0	Fluoranthene	5.01		mg/kg dry	0.0867	0.173	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 17:08	SS
86-73-7	Fluorene	ND		mg/kg dry	0.0867	0.173	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2024 17:08	SS
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0867	0.173	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 17:08	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0867	0.173	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 17:08	SS
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	mg/kg dry	0.0867	0.173	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 17:08	SS
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0867	0.173	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 17:08	SS
193-39-5	Indeno(1,2,3-cd)pyrene	1.36		mg/kg dry	0.0867	0.173	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 17:08	SS
78-59-1	Isophorone	ND		mg/kg dry	0.0867	0.173	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 17:08	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0867	0.173	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 17:08	SS
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0867	0.173	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 17:08	SS
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0867	0.173	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 17:08	SS
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0867	0.173	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 17:08	SS



Sample Information

Client Sample ID: SB-9 (0-6 in.)

York Sample ID: 24F1192-09

York Project (SDG) No.

24F1192

Client Project ID

Elka

Matrix

Soil

Collection Date/Time

June 17, 2024 3:00 pm

Date Received

06/18/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0867	0.173	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 17:08	SS
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0867	0.173	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 17:08	SS
85-01-8	Phenanthrene	1.59		mg/kg dry	0.0867	0.173	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 17:08	SS
108-95-2	Phenol	ND		mg/kg dry	0.0867	0.173	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 17:08	SS
129-00-0	Pyrene	5.02		mg/kg dry	0.0867	0.173	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 17:08	SS
110-86-1	Pyridine	ND		mg/kg dry	0.346	0.693	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 17:08	SS
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	76.9 %	20-108								
13127-88-3	Surrogate: SURR: Phenol-d6	77.0 %	23-114								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	64.8 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	78.1 %	21-113								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	83.0 %	19-110								
1718-51-0	Surrogate: SURR: Terphenyl-d14	106 %	24-116								

Metals, Target Analyte

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
7429-90-5	Aluminum	9320	M-CCV 1	mg/kg dry	5.86	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:16	06/21/2024 16:41	AGNR
7440-36-0	Antimony	ND		mg/kg dry	2.93	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:16	06/21/2024 16:41	AGNR
7440-38-2	Arsenic	8.30		mg/kg dry	1.76	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:16	06/21/2024 16:41	AGNR
7440-39-3	Barium	51.3		mg/kg dry	2.92	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:16	06/21/2024 16:41	AGNR
7440-41-7	Beryllium	ND		mg/kg dry	0.059	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:16	06/21/2024 16:41	AGNR
7440-43-9	Cadmium	0.448		mg/kg dry	0.351	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:16	06/21/2024 16:41	AGNR
7440-70-2	Calcium	37000		mg/kg dry	5.86	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:16	06/21/2024 16:41	AGNR
7440-47-3	Chromium	22.1		mg/kg dry	0.586	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:16	06/21/2024 16:41	AGNR
7440-48-4	Cobalt	4.36		mg/kg dry	0.468	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:16	06/21/2024 16:41	AGNR



Sample Information

Client Sample ID: SB-9 (0-6 in.)

York Sample ID: 24F1192-09

York Project (SDG) No.

24F1192

Client Project ID

Elka

Matrix

Soil

Collection Date/Time

June 17, 2024 3:00 pm

Date Received

06/18/2024

Metals, Target Analyte

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
7440-50-8	Copper	40.8		mg/kg dry	2.34	1	EPA 6010D	06/20/2024 14:16	06/21/2024 16:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	Iron	12000		mg/kg dry	29.3	1	EPA 6010D	06/20/2024 14:16	06/21/2024 16:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	Lead	37.5		mg/kg dry	0.586	1	EPA 6010D	06/20/2024 14:16	06/21/2024 16:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	Magnesium	6080		mg/kg dry	5.86	1	EPA 6010D	06/20/2024 14:16	06/21/2024 16:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	Manganese	196		mg/kg dry	0.586	1	EPA 6010D	06/20/2024 14:16	06/21/2024 16:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	Nickel	10.1		mg/kg dry	1.17	1	EPA 6010D	06/20/2024 14:16	06/21/2024 16:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	Potassium	1170	M-CCV 1	mg/kg dry	5.86	1	EPA 6010D	06/20/2024 14:16	06/21/2024 16:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	2.93	1	EPA 6010D	06/20/2024 14:16	06/21/2024 16:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-22-4	Silver	ND		mg/kg dry	0.590	1	EPA 6010D	06/20/2024 14:16	06/21/2024 16:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-23-5	Sodium	225	M-CCV 1	mg/kg dry	58.6	1	EPA 6010D	06/20/2024 14:16	06/21/2024 16:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-28-0	Thallium	ND		mg/kg dry	2.93	1	EPA 6010D	06/20/2024 14:16	06/21/2024 16:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-62-2	Vanadium	27.0		mg/kg dry	1.17	1	EPA 6010D	06/20/2024 14:16	06/21/2024 16:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	Zinc	118		mg/kg dry	2.92	1	EPA 6010D	06/20/2024 14:16	06/21/2024 16:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

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	0.163		mg/kg dry	0.0422	1	EPA 7473	06/19/2024 15:31	06/20/2024 21:52	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04		

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	71.1		%	0.100	1	SM 2540G	06/19/2024 12:55	06/19/2024 14:55	HLV
							Certifications:	CTDOH-PH-0723		



Sample Information

Client Sample ID: SB-10 (0-6 in.)

York Sample ID: 24F1192-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F1192

Elka

Soil

June 17, 2024 3:00 pm

06/18/2024

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

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
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications:	06/24/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/25/2024 01:14	ME
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications:	06/24/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/25/2024 01:14	ME
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications:	06/24/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/25/2024 01:14	ME
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications:	06/24/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/25/2024 01:14	ME
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications:	06/24/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/25/2024 01:14	ME
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications:	06/24/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/25/2024 01:14	ME
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications:	06/24/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/25/2024 01:14	ME
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications:	06/24/2024 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/25/2024 01:14	ME
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications:	06/24/2024 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/25/2024 01:14	ME
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications:	06/24/2024 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	06/25/2024 01:14	ME
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications:	06/24/2024 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/25/2024 01:14	ME
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications:	06/24/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/25/2024 01:14	ME
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications:	06/24/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/25/2024 01:14	ME
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications:	06/24/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/25/2024 01:14	ME
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications:	06/24/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/25/2024 01:14	ME
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications:	06/24/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/25/2024 01:14	ME
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications:	06/24/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/25/2024 01:14	ME
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications:	06/24/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/25/2024 01:14	ME
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications:	06/24/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/25/2024 01:14	ME
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications:	06/24/2024 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/25/2024 01:14	ME
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications:	06/24/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/25/2024 01:14	ME
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.078	0.16	1	EPA 8260C Certifications:	06/24/2024 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/25/2024 01:14	ME
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications:	06/24/2024 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	06/25/2024 01:14	ME



Sample Information

Client Sample ID: SB-10 (0-6 in.)

York Sample ID: 24F1192-10

York Project (SDG) No.

24F1192

Client Project ID

Elka

Matrix

Soil

Collection Date/Time

June 17, 2024 3:00 pm

Date Received

06/18/2024

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

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
78-93-3	2-Butanone	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications:	06/24/2024 12:30	06/25/2024 01:14	ME
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications:	06/24/2024 12:30	06/25/2024 01:14	ME
591-78-6	2-Hexanone	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications:	06/24/2024 12:30	06/25/2024 01:14	ME
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications:	06/24/2024 12:30	06/25/2024 01:14	ME
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications:	06/24/2024 12:30	06/25/2024 01:14	ME
67-64-1	Acetone	ND		mg/kg dry	0.0078	0.016	1	EPA 8260C Certifications:	06/24/2024 12:30	06/25/2024 01:14	ME
107-02-8	Acrolein	ND	CAL-E, ICVE	mg/kg dry	0.0078	0.016	1	EPA 8260C Certifications:	06/24/2024 12:30	06/25/2024 01:14	ME
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications:	06/24/2024 12:30	06/25/2024 01:14	ME
71-43-2	Benzene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications:	06/24/2024 12:30	06/25/2024 01:14	ME
108-86-1	Bromobenzene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications:	06/24/2024 12:30	06/25/2024 01:14	ME
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications:	06/24/2024 12:30	06/25/2024 01:14	ME
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications:	06/24/2024 12:30	06/25/2024 01:14	ME
75-25-2	Bromoform	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications:	06/24/2024 12:30	06/25/2024 01:14	ME
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications:	06/24/2024 12:30	06/25/2024 01:14	ME
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications:	06/24/2024 12:30	06/25/2024 01:14	ME
56-23-5	Carbon tetrachloride	ND	CAL-E	mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications:	06/24/2024 12:30	06/25/2024 01:14	ME
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications:	06/24/2024 12:30	06/25/2024 01:14	ME
75-00-3	Chloroethane	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications:	06/24/2024 12:30	06/25/2024 01:14	ME
67-66-3	Chloroform	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications:	06/24/2024 12:30	06/25/2024 01:14	ME
74-87-3	Chloromethane	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications:	06/24/2024 12:30	06/25/2024 01:14	ME
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications:	06/24/2024 12:30	06/25/2024 01:14	ME
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications:	06/24/2024 12:30	06/25/2024 01:14	ME
110-82-7	Cyclohexane	ND	CAL-E	mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications:	06/24/2024 12:30	06/25/2024 01:14	ME



Sample Information

Client Sample ID: SB-10 (0-6 in.)

York Sample ID: 24F1192-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F1192

Elka

Soil

June 17, 2024 3:00 pm

06/18/2024

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

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
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications:	06/24/2024 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/25/2024 01:14	ME
74-95-3	Dibromomethane	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications:	06/24/2024 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/25/2024 01:14	ME
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications:	06/24/2024 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/25/2024 01:14	ME
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications:	06/24/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/25/2024 01:14	ME
87-68-3	Hexachlorobutadiene	ND	CAL-E	mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications:	06/24/2024 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/25/2024 01:14	ME
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications:	06/24/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/25/2024 01:14	ME
79-20-9	Methyl acetate	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications:	06/24/2024 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/25/2024 01:14	ME
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications:	06/24/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/25/2024 01:14	ME
108-87-2	Methylcyclohexane	ND	CAL-E	mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications:	06/24/2024 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/25/2024 01:14	ME
75-09-2	Methylene chloride	ND		mg/kg dry	0.0078	0.016	1	EPA 8260C Certifications:	06/24/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/25/2024 01:14	ME
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications:	06/24/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/25/2024 01:14	ME
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications:	06/24/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/25/2024 01:14	ME
95-47-6	o-Xylene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications:	06/24/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	06/25/2024 01:14	ME
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0078	0.016	1	EPA 8260C Certifications:	06/24/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	06/25/2024 01:14	ME
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications:	06/24/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/25/2024 01:14	ME
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications:	06/24/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/25/2024 01:14	ME
100-42-5	Styrene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications:	06/24/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/25/2024 01:14	ME
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications:	06/24/2024 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/25/2024 01:14	ME
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications:	06/24/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/25/2024 01:14	ME
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications:	06/24/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/25/2024 01:14	ME
108-88-3	Toluene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications:	06/24/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/25/2024 01:14	ME
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications:	06/24/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/25/2024 01:14	ME
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications:	06/24/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/25/2024 01:14	ME



Sample Information

Client Sample ID: SB-10 (0-6 in.)			York Sample ID: 24F1192-10		
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24F1192	Elka	Soil	June 17, 2024 3:00 pm	06/18/2024	

Volatiles, 8260 ComprehensiveLog-in Notes:Sample Notes: VOA-CONT

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
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/24/2024 12:30	06/25/2024 01:14	ME
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/24/2024 12:30	06/25/2024 01:14	ME
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/24/2024 12:30	06/25/2024 01:14	ME
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/24/2024 12:30	06/25/2024 01:14	ME
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.012	0.023	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/24/2024 12:30	06/25/2024 01:14	ME
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	99.7 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	104 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	109 %	76-130								

Semi-Volatiles, 8270 ComprehensiveLog-in Notes:Sample Notes:

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0647	0.129	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/19/2024 08:45	06/20/2024 17:38	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.129	0.258	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/19/2024 08:45	06/20/2024 17:38	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0647	0.129	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 17:38	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0647	0.129	2	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	06/19/2024 08:45	06/20/2024 17:38	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0647	0.129	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/19/2024 08:45	06/20/2024 17:38	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0647	0.129	2	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	06/19/2024 08:45	06/20/2024 17:38	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0647	0.129	2	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	06/19/2024 08:45	06/20/2024 17:38	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.129	0.258	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/19/2024 08:45	06/20/2024 17:38	SS
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0647	0.129	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 17:38	SS
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0647	0.129	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 17:38	SS
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0647	0.129	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 17:38	SS
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0647	0.129	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 17:38	SS



Sample Information

Client Sample ID: SB-10 (0-6 in.)

York Sample ID: 24F1192-10

York Project (SDG) No.

24F1192

Client Project ID

Elka

Matrix

Soil

Collection Date/Time

June 17, 2024 3:00 pm

Date Received

06/18/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.129	0.258	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 17:38	SS
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0647	0.129	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 17:38	SS
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0647	0.129	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 17:38	SS
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0647	0.129	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 17:38	SS
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0647	0.129	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 17:38	SS
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0647	0.129	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 17:38	SS
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0647	0.129	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 17:38	SS
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.129	0.258	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 17:38	SS
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0647	0.129	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 17:38	SS
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0647	0.129	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 17:38	SS
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0647	0.129	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2024 17:38	SS
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.129	0.258	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 17:38	SS
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.129	0.258	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 17:38	SS
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0647	0.129	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 17:38	SS
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0647	0.129	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 17:38	SS
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0647	0.129	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 17:38	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0647	0.129	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 17:38	SS
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.129	0.258	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 17:38	SS
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.129	0.258	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 17:38	SS
83-32-9	Acenaphthene	ND		mg/kg dry	0.0647	0.129	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 17:38	SS
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0647	0.129	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 17:38	SS
98-86-2	Acetophenone	ND		mg/kg dry	0.0647	0.129	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2024 17:38	SS
62-53-3	Aniline	ND		mg/kg dry	0.258	0.517	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2024 17:38	SS



Sample Information

Client Sample ID: SB-10 (0-6 in.)

York Sample ID: 24F1192-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F1192

Elka

Soil

June 17, 2024 3:00 pm

06/18/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.0647	0.129	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 17:38	SS
1912-24-9	Atrazine	ND		mg/kg dry	0.0647	0.129	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2024 17:38	SS
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0647	0.129	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2024 17:38	SS
92-87-5	Benzidine	ND		mg/kg dry	0.258	0.517	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	06/20/2024 17:38	SS
56-55-3	Benzo(a)anthracene	0.315		mg/kg dry	0.0647	0.129	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 17:38	SS
50-32-8	Benzo(a)pyrene	0.278		mg/kg dry	0.0647	0.129	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 17:38	SS
205-99-2	Benzo(b)fluoranthene	0.319		mg/kg dry	0.0647	0.129	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 17:38	SS
191-24-2	Benzo(g,h,i)perylene	0.189		mg/kg dry	0.0647	0.129	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 17:38	SS
207-08-9	Benzo(k)fluoranthene	0.286		mg/kg dry	0.0647	0.129	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 17:38	SS
65-85-0	Benzoic acid	ND	CAL-E, CCVE	mg/kg dry	0.0647	0.129	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2024 17:38	SS
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0647	0.129	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2024 17:38	SS
85-68-7	Benzyl butyl phthalate	7.27		mg/kg dry	0.0647	0.129	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 17:38	SS
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0647	0.129	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 17:38	SS
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0647	0.129	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 17:38	SS
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0647	0.129	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 17:38	SS
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0647	0.129	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 17:38	SS
105-60-2	Caprolactam	ND		mg/kg dry	0.129	0.258	2	EPA 8270D Certifications:	06/19/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/20/2024 17:38	SS
86-74-8	Carbazole	ND		mg/kg dry	0.0647	0.129	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 17:38	SS
218-01-9	Chrysene	0.370		mg/kg dry	0.0647	0.129	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 17:38	SS
53-70-3	Dibenzo(a,h)anthracene	0.0712	J	mg/kg dry	0.0647	0.129	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 17:38	SS
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0647	0.129	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 17:38	SS
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0647	0.129	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 17:38	SS
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0647	0.129	2	EPA 8270D Certifications:	06/19/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 17:38	SS



Sample Information

Client Sample ID: SB-10 (0-6 in.)			York Sample ID: 24F1192-10		
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24F1192	Elka	Soil	June 17, 2024 3:00 pm	06/18/2024	

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0647	0.129	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 17:38	SS
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0647	0.129	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 17:38	SS
206-44-0	Fluoranthene	0.721		mg/kg dry	0.0647	0.129	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 17:38	SS
86-73-7	Fluorene	ND		mg/kg dry	0.0647	0.129	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/19/2024 08:45	06/20/2024 17:38	SS
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0647	0.129	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 17:38	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0647	0.129	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 17:38	SS
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	mg/kg dry	0.0647	0.129	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 17:38	SS
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0647	0.129	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 17:38	SS
193-39-5	Indeno(1,2,3-cd)pyrene	0.171		mg/kg dry	0.0647	0.129	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 17:38	SS
78-59-1	Isophorone	ND		mg/kg dry	0.0647	0.129	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 17:38	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0647	0.129	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 17:38	SS
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0647	0.129	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 17:38	SS
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0647	0.129	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 17:38	SS
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0647	0.129	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 17:38	SS
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0647	0.129	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 17:38	SS
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0647	0.129	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 17:38	SS
85-01-8	Phenanthrene	0.343		mg/kg dry	0.0647	0.129	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 17:38	SS
108-95-2	Phenol	ND		mg/kg dry	0.0647	0.129	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 17:38	SS
129-00-0	Pyrene	0.669		mg/kg dry	0.0647	0.129	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 17:38	SS
110-86-1	Pyridine	ND		mg/kg dry	0.258	0.517	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 08:45	06/20/2024 17:38	SS
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	75.4 %	20-108								
13127-88-3	Surrogate: SURR: Phenol-d6	73.0 %	23-114								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	60.2 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	74.6 %	21-113								



Sample Information

Client Sample ID: SB-10 (0-6 in.)

York Sample ID: 24F1192-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F1192	Elka	Soil	June 17, 2024 3:00 pm	06/18/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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	80.2 %			19-110						
1718-51-0	Surrogate: SURRE: Terphenyl-d14	98.6 %			24-116						

Metals, Target Analyte

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
7429-90-5	Aluminum	5700	M-CCV 1	mg/kg dry	6.49	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:43	AGNR
7440-36-0	Antimony	ND		mg/kg dry	3.24	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:43	AGNR
7440-38-2	Arsenic	3.83		mg/kg dry	1.95	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:43	AGNR
7440-39-3	Barium	43.7		mg/kg dry	3.24	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:43	AGNR
7440-41-7	Beryllium	ND		mg/kg dry	0.065	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:43	AGNR
7440-43-9	Cadmium	0.635		mg/kg dry	0.389	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:43	AGNR
7440-70-2	Calcium	25200		mg/kg dry	6.49	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:43	AGNR
7440-47-3	Chromium	15.9		mg/kg dry	0.649	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:43	AGNR
7440-48-4	Cobalt	2.83		mg/kg dry	0.519	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:43	AGNR
7440-50-8	Copper	28.8		mg/kg dry	2.60	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:43	AGNR
7439-89-6	Iron	7200		mg/kg dry	32.4	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:43	AGNR
7439-92-1	Lead	38.5		mg/kg dry	0.649	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:43	AGNR
7439-95-4	Magnesium	2710		mg/kg dry	6.49	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:43	AGNR
7439-96-5	Manganese	131		mg/kg dry	0.649	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:43	AGNR
7440-02-0	Nickel	7.99		mg/kg dry	1.29	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:43	AGNR
7440-09-7	Potassium	877	M-CCV 1	mg/kg dry	6.49	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:43	AGNR
7782-49-2	Selenium	ND		mg/kg dry	3.24	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:43	AGNR
7440-22-4	Silver	ND		mg/kg dry	0.654	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:43	AGNR



Sample Information

Client Sample ID: SB-10 (0-6 in.)

York Sample ID: 24F1192-10

York Project (SDG) No.

24F1192

Client Project ID

Elka

Matrix

Soil

Collection Date/Time

June 17, 2024 3:00 pm

Date Received

06/18/2024

Metals, Target Analyte

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
7440-23-5	Sodium	137	M-CCV 1	mg/kg dry	64.9	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:43	AGNR
7440-28-0	Thallium	ND		mg/kg dry	3.24	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:43	AGNR
7440-62-2	Vanadium	14.8		mg/kg dry	1.29	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:43	AGNR
7440-66-6	Zinc	98.7		mg/kg dry	3.23	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:16	06/21/2024 16:43	AGNR

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	0.0635		mg/kg dry	0.0467	1	EPA 7473 Certifications: CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04	06/19/2024 15:31	06/20/2024 21:52	DRS

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	64.2		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	06/19/2024 12:55	06/19/2024 14:55	HLV

Sample Information

Client Sample ID: TB-2

York Sample ID: 24F1192-11

York Project (SDG) No.

24F1192

Client Project ID

Elka

Matrix

Water

Collection Date/Time

June 17, 2024 3:00 pm

Date Received

06/18/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 08:00	06/20/2024 13:22	BMT
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 08:00	06/20/2024 13:22	BMT
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 08:00	06/20/2024 13:22	BMT



Sample Information

Client Sample ID: TB-2

York Sample ID: 24F1192-11

York Project (SDG) No.

24F1192

Client Project ID

Elka

Matrix

Water

Collection Date/Time

June 17, 2024 3:00 pm

Date Received

06/18/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications:	06/20/2024 08:00	06/20/2024 13:22	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	06/20/2024 08:00	06/20/2024 13:22	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications:	06/20/2024 08:00	06/20/2024 13:22	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	06/20/2024 08:00	06/20/2024 13:22	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications:	06/20/2024 08:00	06/20/2024 13:22	BMT NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	06/20/2024 08:00	06/20/2024 13:22	BMT NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	06/20/2024 08:00	06/20/2024 13:22	BMT NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications:	06/20/2024 08:00	06/20/2024 13:22	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	06/20/2024 08:00	06/20/2024 13:22	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	06/20/2024 08:00	06/20/2024 13:22	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	06/20/2024 08:00	06/20/2024 13:22	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	06/20/2024 08:00	06/20/2024 13:22	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	06/20/2024 08:00	06/20/2024 13:22	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	06/20/2024 08:00	06/20/2024 13:22	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	06/20/2024 08:00	06/20/2024 13:22	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications:	06/20/2024 08:00	06/20/2024 13:22	BMT NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	06/20/2024 08:00	06/20/2024 13:22	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
123-91-1	1,4-Dioxane	ND	CCVE	ug/L	35.3	80.0	1	EPA 8260D Certifications:	06/20/2024 08:00	06/20/2024 13:22	BMT NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	06/20/2024 08:00	06/20/2024 13:22	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	06/20/2024 08:00	06/20/2024 13:22	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	06/20/2024 08:00	06/20/2024 13:22	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-64-1	Acetone	2.09	CAL-E, CCVE, ICVE	ug/L	1.34	2.00	1	EPA 8260D Certifications:	06/20/2024 08:00	06/20/2024 13:22	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-02-8	Acrolein	ND	CCVE	ug/L	0.447	0.500	1	EPA 8260D Certifications:	06/20/2024 08:00	06/20/2024 13:22	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT



Sample Information

Client Sample ID: TB-2

York Sample ID: 24F1192-11

York Project (SDG) No.

24F1192

Client Project ID

Elka

Matrix

Water

Collection Date/Time

June 17, 2024 3:00 pm

Date Received

06/18/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	06/20/2024 08:00	06/20/2024 13:22	BMT
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	06/20/2024 08:00	06/20/2024 13:22	BMT
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	06/20/2024 08:00	06/20/2024 13:22	BMT
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications:	06/20/2024 08:00	06/20/2024 13:22	BMT
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	06/20/2024 08:00	06/20/2024 13:22	BMT
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D Certifications:	06/20/2024 08:00	06/20/2024 13:22	BMT
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	06/20/2024 08:00	06/20/2024 13:22	BMT
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	06/20/2024 08:00	06/20/2024 13:22	BMT
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	06/20/2024 08:00	06/20/2024 13:22	BMT
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications:	06/20/2024 08:00	06/20/2024 13:22	BMT
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications:	06/20/2024 08:00	06/20/2024 13:22	BMT
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D Certifications:	06/20/2024 08:00	06/20/2024 13:22	BMT
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications:	06/20/2024 08:00	06/20/2024 13:22	BMT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	06/20/2024 08:00	06/20/2024 13:22	BMT
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications:	06/20/2024 08:00	06/20/2024 13:22	BMT
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	06/20/2024 08:00	06/20/2024 13:22	BMT
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	06/20/2024 08:00	06/20/2024 13:22	BMT
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D Certifications:	06/20/2024 08:00	06/20/2024 13:22	BMT
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	06/20/2024 08:00	06/20/2024 13:22	BMT
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications:	06/20/2024 08:00	06/20/2024 13:22	BMT
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	06/20/2024 08:00	06/20/2024 13:22	BMT
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	06/20/2024 08:00	06/20/2024 13:22	BMT
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	06/20/2024 08:00	06/20/2024 13:22	BMT



Sample Information

Client Sample ID: TB-2

York Sample ID: 24F1192-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F1192

Elka

Water

June 17, 2024 3:00 pm

06/18/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	06/20/2024 08:00	06/20/2024 13:22	BMT
75-09-2	Methylene chloride	0.580	J	ug/L	0.397	2.00	1	EPA 8260D Certifications:	06/20/2024 08:00	06/20/2024 13:22	BMT
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D Certifications:	06/20/2024 08:00	06/20/2024 13:22	BMT
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	06/20/2024 08:00	06/20/2024 13:22	BMT
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	06/20/2024 08:00	06/20/2024 13:22	BMT
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	06/20/2024 08:00	06/20/2024 13:22	BMT
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	06/20/2024 08:00	06/20/2024 13:22	BMT
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D Certifications:	06/20/2024 08:00	06/20/2024 13:22	BMT
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications:	06/20/2024 08:00	06/20/2024 13:22	BMT
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	06/20/2024 08:00	06/20/2024 13:22	BMT
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications:	06/20/2024 08:00	06/20/2024 13:22	BMT
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	06/20/2024 08:00	06/20/2024 13:22	BMT
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D Certifications:	06/20/2024 08:00	06/20/2024 13:22	BMT
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	06/20/2024 08:00	06/20/2024 13:22	BMT
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D Certifications:	06/20/2024 08:00	06/20/2024 13:22	BMT
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	06/20/2024 08:00	06/20/2024 13:22	BMT
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	06/20/2024 08:00	06/20/2024 13:22	BMT
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	06/20/2024 08:00	06/20/2024 13:22	BMT
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	06/20/2024 08:00	06/20/2024 13:22	BMT
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	06/20/2024 08:00	06/20/2024 13:22	BMT
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D Certifications:	06/20/2024 08:00	06/20/2024 13:22	BMT
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications:	06/20/2024 08:00	06/20/2024 13:22	BMT
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	99.8 %	69-130								



Sample Information

Client Sample ID: TB-2

York Sample ID: 24F1192-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F1192

Elka

Water

June 17, 2024 3:00 pm

06/18/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	Surrogate: SURR: Toluene-d8	95.8 %			81-117						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	103 %			79-122						



Analytical Batch Summary

Batch ID: BF41219

Preparation Method: % Solids Prep

Prepared By: HLY

YORK Sample ID	Client Sample ID	Preparation Date
24F1192-01	SB-1 (0-6 in.)	06/19/24
24F1192-02	SB-2 (0-6 in.)	06/19/24
24F1192-03	SB-3 (0-6 in.)	06/19/24
24F1192-04	SB-4 (0-6 in.)	06/19/24
24F1192-05	SB-5 (0-6 in.)	06/19/24
24F1192-06	SB-6 (0-6 in.)	06/19/24
24F1192-07	SB-7 (0-6 in.)	06/19/24
24F1192-08	SB-8 (0-6 in.)	06/19/24
24F1192-09	SB-9 (0-6 in.)	06/19/24
24F1192-10	SB-10 (0-6 in.)	06/19/24
BF41219-DUP1	Duplicate	06/19/24

Batch ID: BF41239

Preparation Method: EPA 3550C

Prepared By: JJP

YORK Sample ID	Client Sample ID	Preparation Date
24F1192-01	SB-1 (0-6 in.)	06/19/24
24F1192-02	SB-2 (0-6 in.)	06/19/24
24F1192-03	SB-3 (0-6 in.)	06/19/24
24F1192-04	SB-4 (0-6 in.)	06/19/24
24F1192-05	SB-5 (0-6 in.)	06/19/24
24F1192-06	SB-6 (0-6 in.)	06/19/24
24F1192-07	SB-7 (0-6 in.)	06/19/24
24F1192-08	SB-8 (0-6 in.)	06/19/24
24F1192-09	SB-9 (0-6 in.)	06/19/24
24F1192-10	SB-10 (0-6 in.)	06/19/24
BF41239-BLK1	Blank	06/19/24
BF41239-BS1	LCS	06/19/24
BF41239-MS1	Matrix Spike	06/19/24
BF41239-MSD1	Matrix Spike Dup	06/19/24

Batch ID: BF41289

Preparation Method: EPA 7473 soil

Prepared By: DRS

YORK Sample ID	Client Sample ID	Preparation Date
24F1192-01	SB-1 (0-6 in.)	06/19/24
24F1192-02	SB-2 (0-6 in.)	06/19/24
24F1192-03	SB-3 (0-6 in.)	06/19/24
24F1192-04	SB-4 (0-6 in.)	06/19/24
24F1192-05	SB-5 (0-6 in.)	06/19/24
24F1192-06	SB-6 (0-6 in.)	06/19/24
24F1192-07	SB-7 (0-6 in.)	06/19/24
24F1192-08	SB-8 (0-6 in.)	06/19/24
24F1192-09	SB-9 (0-6 in.)	06/19/24
24F1192-10	SB-10 (0-6 in.)	06/19/24
BF41289-BLK1	Blank	06/19/24
BF41289-DUP1	Duplicate	06/19/24



BF41289-MS1	Matrix Spike	06/19/24
BF41289-SRM1	Reference	06/19/24

Batch ID: BF41334 **Preparation Method:** EPA 5030B **Prepared By:** FO

YORK Sample ID	Client Sample ID	Preparation Date
24F1192-11	TB-2	06/20/24
BF41334-BLK1	Blank	06/20/24
BF41334-BS1	LCS	06/20/24
BF41334-BSD1	LCS Dup	06/20/24

Batch ID: BF41350 **Preparation Method:** EPA 5035A **Prepared By:** FTR

YORK Sample ID	Client Sample ID	Preparation Date
24F1192-01	SB-1 (0-6 in.)	06/20/24
24F1192-02	SB-2 (0-6 in.)	06/20/24
24F1192-03	SB-3 (0-6 in.)	06/20/24
24F1192-04	SB-4 (0-6 in.)	06/20/24
24F1192-06	SB-6 (0-6 in.)	06/20/24
24F1192-07	SB-7 (0-6 in.)	06/20/24
24F1192-08	SB-8 (0-6 in.)	06/20/24
BF41350-BLK1	Blank	06/20/24
BF41350-BS1	LCS	06/20/24
BF41350-BSD1	LCS Dup	06/20/24

Batch ID: BF41364 **Preparation Method:** EPA 3050B **Prepared By:** JEF

YORK Sample ID	Client Sample ID	Preparation Date
24F1192-01	SB-1 (0-6 in.)	06/20/24
24F1192-02	SB-2 (0-6 in.)	06/20/24
24F1192-03	SB-3 (0-6 in.)	06/20/24
24F1192-04	SB-4 (0-6 in.)	06/20/24
24F1192-05	SB-5 (0-6 in.)	06/20/24
24F1192-06	SB-6 (0-6 in.)	06/20/24
24F1192-07	SB-7 (0-6 in.)	06/20/24
24F1192-08	SB-8 (0-6 in.)	06/20/24
24F1192-09	SB-9 (0-6 in.)	06/20/24
24F1192-10	SB-10 (0-6 in.)	06/20/24
BF41364-BLK1	Blank	06/20/24
BF41364-DUP1	Duplicate	06/20/24
BF41364-MS1	Matrix Spike	06/20/24
BF41364-PS1	Post Spike	06/20/24
BF41364-SRM1	Reference	06/20/24

Batch ID: BF41462 **Preparation Method:** EPA 5035A **Prepared By:** me

YORK Sample ID	Client Sample ID	Preparation Date
24F1192-05	SB-5 (0-6 in.)	06/21/24
24F1192-09	SB-9 (0-6 in.)	06/21/24



BF41462-BLK1	Blank	06/21/24
BF41462-BS1	LCS	06/21/24
BF41462-BSD1	LCS Dup	06/21/24
BF41462-MS1	Matrix Spike	06/21/24
BF41462-MSD1	Matrix Spike Dup	06/21/24

Batch ID: BF41575 **Preparation Method:** EPA 5035A **Prepared By:** me

YORK Sample ID	Client Sample ID	Preparation Date
24F1192-10	SB-10 (0-6 in.)	06/24/24
BF41575-BLK1	Blank	06/24/24
BF41575-BLK2	Blank	06/24/24
BF41575-BS1	LCS	06/24/24
BF41575-BS2	LCS	06/24/24
BF41575-BSD1	LCS Dup	06/24/24
BF41575-BSD2	LCS Dup	06/24/24



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BF41334 - EPA 5030B

Blank (BF41334-BLK1)

Prepared & Analyzed: 06/20/2024

1,1,1,2-Tetrachloroethane	ND	0.500	ug/L
1,1,1-Trichloroethane	ND	0.500	"
1,1,2,2-Tetrachloroethane	ND	0.500	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"
1,1,2-Trichloroethane	ND	0.500	"
1,1-Dichloroethane	ND	0.500	"
1,1-Dichloroethylene	ND	0.500	"
1,2,3-Trichlorobenzene	ND	0.500	"
1,2,3-Trichloropropane	ND	0.500	"
1,2,4-Trichlorobenzene	ND	0.500	"
1,2,4-Trimethylbenzene	ND	0.500	"
1,2-Dibromo-3-chloropropane	ND	0.500	"
1,2-Dibromoethane	ND	0.500	"
1,2-Dichlorobenzene	ND	0.500	"
1,2-Dichloroethane	ND	0.500	"
1,2-Dichloropropane	ND	0.500	"
1,3,5-Trimethylbenzene	ND	0.500	"
1,3-Dichlorobenzene	ND	0.500	"
1,3-Dichloropropane	ND	0.500	"
1,4-Dichlorobenzene	ND	0.500	"
1,4-Dioxane	ND	80.0	"
2-Butanone	ND	0.500	"
2-Hexanone	ND	0.500	"
4-Methyl-2-pentanone	ND	0.500	"
Acetone	ND	2.00	"
Acrolein	ND	0.500	"
Acrylonitrile	ND	0.500	"
Benzene	ND	0.500	"
Bromochloromethane	ND	0.500	"
Bromodichloromethane	ND	0.500	"
Bromoform	ND	0.500	"
Bromomethane	ND	0.500	"
Carbon disulfide	ND	0.500	"
Carbon tetrachloride	ND	0.500	"
Chlorobenzene	ND	0.500	"
Chloroethane	ND	0.500	"
Chloroform	ND	0.500	"
Chloromethane	ND	0.500	"
cis-1,2-Dichloroethylene	ND	0.500	"
cis-1,3-Dichloropropylene	ND	0.500	"
Cyclohexane	ND	0.500	"
Dibromochloromethane	ND	0.500	"
Dibromomethane	ND	0.500	"
Dichlorodifluoromethane	ND	0.500	"
Ethyl Benzene	ND	0.500	"
Hexachlorobutadiene	ND	0.500	"
Isopropylbenzene	ND	0.500	"
Methyl acetate	ND	0.500	"
Methyl tert-butyl ether (MTBE)	ND	0.500	"



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BF41334 - EPA 5030B

Blank (BF41334-BLK1)

Prepared & Analyzed: 06/20/2024

Methylcyclohexane	ND	0.500	ug/L								
Methylene chloride	ND	2.00	"								
Naphthalene	0.300	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Diethylbenzene	ND	0.500	"								
p-Ethyltoluene	ND	0.500	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	10.0		"	10.0		100	69-130				
Surrogate: SURR: Toluene-d8	9.56		"	10.0		95.6	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.3		"	10.0		103	79-122				

LCS (BF41334-BS1)

Prepared & Analyzed: 06/20/2024

1,1,1,2-Tetrachloroethane	10.1		ug/L	10.0		101	82-126				
1,1,1-Trichloroethane	10.7		"	10.0		107	78-136				
1,1,2,2-Tetrachloroethane	9.10		"	10.0		91.0	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.3		"	10.0		103	54-165				
1,1,2-Trichloroethane	9.80		"	10.0		98.0	82-123				
1,1-Dichloroethane	10.5		"	10.0		105	82-129				
1,1-Dichloroethylene	10.6		"	10.0		106	68-138				
1,2,3-Trichlorobenzene	12.6		"	10.0		126	76-136				
1,2,3-Trichloropropane	9.77		"	10.0		97.7	77-128				
1,2,4-Trichlorobenzene	10.6		"	10.0		106	76-137				
1,2,4-Trimethylbenzene	10.1		"	10.0		101	82-132				
1,2-Dibromo-3-chloropropane	10.6		"	10.0		106	45-147				
1,2-Dibromoethane	9.76		"	10.0		97.6	83-124				
1,2-Dichlorobenzene	9.97		"	10.0		99.7	79-123				
1,2-Dichloroethane	10.6		"	10.0		106	73-132				
1,2-Dichloropropane	9.74		"	10.0		97.4	78-126				
1,3,5-Trimethylbenzene	9.99		"	10.0		99.9	80-131				
1,3-Dichlorobenzene	10.2		"	10.0		102	86-122				
1,3-Dichloropropane	9.76		"	10.0		97.6	81-125				
1,4-Dichlorobenzene	10.1		"	10.0		101	85-124				
1,4-Dioxane	185		"	210		88.1	10-349				
2-Butanone	10.7		"	10.0		107	49-152				
2-Hexanone	9.70		"	10.0		97.0	51-146				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BF41334 - EPA 5030B

LCS (BF41334-BS1)

Prepared & Analyzed: 06/20/2024

4-Methyl-2-pentanone	9.28		ug/L	10.0		92.8	57-145				
Acetone	13.4		"	10.0		134	14-150				
Acrolein	5.48		"	10.0		54.8	10-153				
Acrylonitrile	11.2		"	10.0		112	51-150				
Benzene	10.8		"	10.0		108	85-126				
Bromochloromethane	10.5		"	10.0		105	77-128				
Bromodichloromethane	9.89		"	10.0		98.9	79-128				
Bromoform	9.92		"	10.0		99.2	78-133				
Bromomethane	7.27		"	10.0		72.7	43-168				
Carbon disulfide	10.3		"	10.0		103	68-146				
Carbon tetrachloride	10.9		"	10.0		109	77-141				
Chlorobenzene	10.0		"	10.0		100	88-120				
Chloroethane	9.94		"	10.0		99.4	65-136				
Chloroform	10.7		"	10.0		107	82-128				
Chloromethane	8.86		"	10.0		88.6	43-155				
cis-1,2-Dichloroethylene	10.7		"	10.0		107	83-129				
cis-1,3-Dichloropropylene	9.95		"	10.0		99.5	80-131				
Cyclohexane	10.4		"	10.0		104	63-149				
Dibromochloromethane	9.96		"	10.0		99.6	80-130				
Dibromomethane	9.86		"	10.0		98.6	72-134				
Dichlorodifluoromethane	9.41		"	10.0		94.1	44-144				
Ethyl Benzene	10.2		"	10.0		102	80-131				
Hexachlorobutadiene	10.1		"	10.0		101	67-146				
Isopropylbenzene	9.74		"	10.0		97.4	76-140				
Methyl acetate	10.3		"	10.0		103	51-139				
Methyl tert-butyl ether (MTBE)	10.4		"	10.0		104	76-135				
Methylcyclohexane	9.80		"	10.0		98.0	72-143				
Methylene chloride	9.45		"	10.0		94.5	55-137				
Naphthalene	11.2		"	10.0		112	70-147				
n-Butylbenzene	10.9		"	10.0		109	79-132				
n-Propylbenzene	9.94		"	10.0		99.4	78-133				
o-Xylene	10.3		"	10.0		103	78-130				
p- & m- Xylenes	20.6		"	20.0		103	77-133				
p-Diethylbenzene	10.8		"	10.0		108	84-134				
p-Ethyltoluene	9.94		"	10.0		99.4	88-129				
p-Isopropyltoluene	10.3		"	10.0		103	81-136				
sec-Butylbenzene	10.2		"	10.0		102	79-137				
Styrene	10.6		"	10.0		106	67-132				
tert-Butyl alcohol (TBA)	63.3		"	50.0		127	25-162				
tert-Butylbenzene	9.84		"	10.0		98.4	77-138				
Tetrachloroethylene	10.1		"	10.0		101	82-131				
Toluene	9.98		"	10.0		99.8	80-127				
trans-1,2-Dichloroethylene	10.6		"	10.0		106	80-132				
trans-1,3-Dichloropropylene	10.1		"	10.0		101	78-131				
Trichloroethylene	10.0		"	10.0		100	82-128				
Trichlorofluoromethane	10.3		"	10.0		103	67-139				
Vinyl Chloride	9.98		"	10.0		99.8	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	9.94		"	10.0		99.4	69-130				
Surrogate: SURR: Toluene-d8	9.44		"	10.0		94.4	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.86		"	10.0		98.6	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF41334 - EPA 5030B											
LCS Dup (BF41334-BSD1)						Prepared & Analyzed: 06/20/2024					
1,1,1,2-Tetrachloroethane	10.1		ug/L	10.0		101	82-126		0.0989	30	
1,1,1-Trichloroethane	10.3		"	10.0		103	78-136		3.91	30	
1,1,2,2-Tetrachloroethane	9.80		"	10.0		98.0	76-129		7.41	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.37		"	10.0		93.7	54-165		9.46	30	
1,1,2-Trichloroethane	10.0		"	10.0		100	82-123		2.32	30	
1,1-Dichloroethane	10.0		"	10.0		100	82-129		4.67	30	
1,1-Dichloroethylene	10.5		"	10.0		105	68-138		1.14	30	
1,2,3-Trichlorobenzene	14.8		"	10.0		148	76-136	High Bias	16.1	30	
1,2,3-Trichloropropane	10.6		"	10.0		106	77-128		7.96	30	
1,2,4-Trichlorobenzene	11.4		"	10.0		114	76-137		8.00	30	
1,2,4-Trimethylbenzene	10.4		"	10.0		104	82-132		3.22	30	
1,2-Dibromo-3-chloropropane	11.5		"	10.0		115	45-147		7.86	30	
1,2-Dibromoethane	10.0		"	10.0		100	83-124		2.83	30	
1,2-Dichlorobenzene	10.3		"	10.0		103	79-123		3.64	30	
1,2-Dichloroethane	10.8		"	10.0		108	73-132		1.97	30	
1,2-Dichloropropane	10.0		"	10.0		100	78-126		2.93	30	
1,3,5-Trimethylbenzene	10.2		"	10.0		102	80-131		1.98	30	
1,3-Dichlorobenzene	10.3		"	10.0		103	86-122		0.587	30	
1,3-Dichloropropane	10.0		"	10.0		100	81-125		2.73	30	
1,4-Dichlorobenzene	10.2		"	10.0		102	85-124		0.197	30	
1,4-Dioxane	98.6		"	210		46.9	10-349		61.0	30	Non-dir.
2-Butanone	10.3		"	10.0		103	49-152		3.61	30	
2-Hexanone	9.47		"	10.0		94.7	51-146		2.40	30	
4-Methyl-2-pentanone	9.77		"	10.0		97.7	57-145		5.14	30	
Acetone	8.93		"	10.0		89.3	14-150		40.3	30	Non-dir.
Acrolein	7.31		"	10.0		73.1	10-153		28.6	30	
Acrylonitrile	11.2		"	10.0		112	51-150		0.535	30	
Benzene	10.8		"	10.0		108	85-126		0.370	30	
Bromochloromethane	10.3		"	10.0		103	77-128		1.92	30	
Bromodichloromethane	9.96		"	10.0		99.6	79-128		0.705	30	
Bromoform	10.2		"	10.0		102	78-133		3.27	30	
Bromomethane	7.79		"	10.0		77.9	43-168		6.91	30	
Carbon disulfide	10.1		"	10.0		101	68-146		2.45	30	
Carbon tetrachloride	10.4		"	10.0		104	77-141		4.61	30	
Chlorobenzene	10.2		"	10.0		102	88-120		1.29	30	
Chloroethane	9.81		"	10.0		98.1	65-136		1.32	30	
Chloroform	10.5		"	10.0		105	82-128		1.70	30	
Chloromethane	8.37		"	10.0		83.7	43-155		5.69	30	
cis-1,2-Dichloroethylene	10.4		"	10.0		104	83-129		2.37	30	
cis-1,3-Dichloropropylene	9.88		"	10.0		98.8	80-131		0.706	30	
Cyclohexane	9.26		"	10.0		92.6	63-149		11.8	30	
Dibromochloromethane	10.2		"	10.0		102	80-130		2.77	30	
Dibromomethane	10.1		"	10.0		101	72-134		2.60	30	
Dichlorodifluoromethane	9.22		"	10.0		92.2	44-144		2.04	30	
Ethyl Benzene	10.3		"	10.0		103	80-131		1.17	30	
Hexachlorobutadiene	9.62		"	10.0		96.2	67-146		4.97	30	
Isopropylbenzene	9.76		"	10.0		97.6	76-140		0.205	30	
Methyl acetate	10.0		"	10.0		100	51-139		2.94	30	
Methyl tert-butyl ether (MTBE)	10.1		"	10.0		101	76-135		3.71	30	
Methylcyclohexane	8.90		"	10.0		89.0	72-143		9.63	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BF41334 - EPA 5030B

LCS Dup (BF41334-BSD1)

Prepared & Analyzed: 06/20/2024

Methylene chloride	9.25		ug/L	10.0		92.5	55-137		2.14	30	
Naphthalene	13.4		"	10.0		134	70-147		17.7	30	
n-Butylbenzene	10.7		"	10.0		107	79-132		2.13	30	
n-Propylbenzene	9.79		"	10.0		97.9	78-133		1.52	30	
o-Xylene	10.3		"	10.0		103	78-130		0.0974	30	
p- & m- Xylenes	20.5		"	20.0		103	77-133		0.243	30	
p-Diethylbenzene	10.4		"	10.0		104	84-134		4.24	30	
p-Ethyltoluene	9.83		"	10.0		98.3	88-129		1.11	30	
p-Isopropyltoluene	10.2		"	10.0		102	81-136		0.293	30	
sec-Butylbenzene	9.83		"	10.0		98.3	79-137		3.20	30	
Styrene	10.7		"	10.0		107	67-132		1.22	30	
tert-Butyl alcohol (TBA)	63.6		"	50.0		127	25-162		0.567	30	
tert-Butylbenzene	9.60		"	10.0		96.0	77-138		2.47	30	
Tetrachloroethylene	6.01		"	10.0		60.1	82-131	Low Bias	50.9	30	Non-dir.
Toluene	10.2		"	10.0		102	80-127		2.18	30	
trans-1,2-Dichloroethylene	10.4		"	10.0		104	80-132		2.28	30	
trans-1,3-Dichloropropylene	10.1		"	10.0		101	78-131		0.198	30	
Trichloroethylene	10.1		"	10.0		101	82-128		1.19	30	
Trichlorofluoromethane	9.37		"	10.0		93.7	67-139		9.46	30	
Vinyl Chloride	9.57		"	10.0		95.7	58-145		4.19	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	9.67		"	10.0		96.7	69-130				
Surrogate: SURR: Toluene-d8	9.53		"	10.0		95.3	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.96		"	10.0		99.6	79-122				

Batch BF41350 - EPA 5035A

Blank (BF41350-BLK1)

Prepared & Analyzed: 06/20/2024

1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet
1,1,1-Trichloroethane	ND	0.0050	"
1,1,2,2-Tetrachloroethane	ND	0.0050	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"
1,1,2-Trichloroethane	ND	0.0050	"
1,1-Dichloroethane	ND	0.0050	"
1,1-Dichloroethylene	ND	0.0050	"
1,1-Dichloropropylene	ND	0.0050	"
1,2,3-Trichlorobenzene	ND	0.0050	"
1,2,3-Trichloropropane	ND	0.0050	"
1,2,4-Trichlorobenzene	ND	0.0050	"
1,2,4-Trimethylbenzene	ND	0.0050	"
1,2-Dibromo-3-chloropropane	ND	0.0050	"
1,2-Dibromoethane	ND	0.0050	"
1,2-Dichlorobenzene	ND	0.0050	"
1,2-Dichloroethane	ND	0.0050	"
1,2-Dichloropropane	ND	0.0050	"
1,3,5-Trimethylbenzene	ND	0.0050	"
1,3-Dichlorobenzene	ND	0.0050	"
1,3-Dichloropropane	ND	0.0050	"
1,4-Dichlorobenzene	ND	0.0050	"
1,4-Dioxane	ND	0.10	"
2,2-Dichloropropane	ND	0.0050	"
2-Butanone	ND	0.0050	"



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BF41350 - EPA 5035A

Blank (BF41350-BLK1)

Prepared & Analyzed: 06/20/2024

2-Chlorotoluene	ND	0.0050	mg/kg wet
2-Hexanone	ND	0.0050	"
4-Chlorotoluene	ND	0.0050	"
4-Methyl-2-pentanone	ND	0.0050	"
Acetone	ND	0.010	"
Acrolein	ND	0.010	"
Acrylonitrile	ND	0.0050	"
Benzene	ND	0.0050	"
Bromobenzene	ND	0.0050	"
Bromochloromethane	ND	0.0050	"
Bromodichloromethane	ND	0.0050	"
Bromoform	ND	0.0050	"
Bromomethane	ND	0.0050	"
Carbon disulfide	ND	0.0050	"
Carbon tetrachloride	ND	0.0050	"
Chlorobenzene	ND	0.0050	"
Chloroethane	ND	0.0050	"
Chloroform	ND	0.0050	"
Chloromethane	ND	0.0050	"
cis-1,2-Dichloroethylene	ND	0.0050	"
cis-1,3-Dichloropropylene	ND	0.0050	"
Cyclohexane	ND	0.0050	"
Dibromochloromethane	ND	0.0050	"
Dibromomethane	ND	0.0050	"
Dichlorodifluoromethane	ND	0.0050	"
Ethyl Benzene	ND	0.0050	"
Hexachlorobutadiene	ND	0.0050	"
Isopropylbenzene	ND	0.0050	"
Methyl acetate	ND	0.0050	"
Methyl tert-butyl ether (MTBE)	ND	0.0050	"
Methylcyclohexane	ND	0.0050	"
Methylene chloride	ND	0.010	"
n-Butylbenzene	ND	0.0050	"
n-Propylbenzene	ND	0.0050	"
o-Xylene	ND	0.0050	"
p- & m- Xylenes	ND	0.010	"
p-Isopropyltoluene	ND	0.0050	"
sec-Butylbenzene	ND	0.0050	"
Styrene	ND	0.0050	"
tert-Butyl alcohol (TBA)	ND	0.0050	"
tert-Butylbenzene	ND	0.0050	"
Tetrachloroethylene	ND	0.0050	"
Toluene	ND	0.0050	"
trans-1,2-Dichloroethylene	ND	0.0050	"
trans-1,3-Dichloropropylene	ND	0.0050	"
Trichloroethylene	ND	0.0050	"
Trichlorofluoromethane	ND	0.0050	"
Vinyl acetate	ND	0.0050	"
Vinyl Chloride	ND	0.0050	"
Xylenes, Total	ND	0.015	"

Surrogate: SURR: 1,2-Dichloroethane-d4

50.1

ug/L

50.0

100

77-125





Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF41350 - EPA 5035A											
Blank (BF41350-BLK1)						Prepared & Analyzed: 06/20/2024					
Surrogate: SURR: Toluene-d8	52.0		ug/L	50.0		104	85-120				
Surrogate: SURR: p-Bromofluorobenzene	53.6		"	50.0		107	76-130				
LCS (BF41350-BS1)						Prepared & Analyzed: 06/20/2024					
1,1,1,2-Tetrachloroethane	44.2		ug/L	50.0		88.5	75-129				
1,1,1-Trichloroethane	42.2		"	50.0		84.4	71-137				
1,1,2,2-Tetrachloroethane	53.2		"	50.0		106	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	47.6		"	50.0		95.1	58-146				
1,1,2-Trichloroethane	48.0		"	50.0		96.0	83-123				
1,1-Dichloroethane	47.5		"	50.0		95.0	75-130				
1,1-Dichloroethylene	50.4		"	50.0		101	64-137				
1,1-Dichloropropylene	44.5		"	50.0		89.0	77-127				
1,2,3-Trichlorobenzene	42.3		"	50.0		84.6	81-140				
1,2,3-Trichloropropane	50.3		"	50.0		101	81-126				
1,2,4-Trichlorobenzene	45.7		"	50.0		91.3	80-141				
1,2,4-Trimethylbenzene	55.2		"	50.0		110	84-125				
1,2-Dibromo-3-chloropropane	47.2		"	50.0		94.3	74-142				
1,2-Dibromoethane	48.3		"	50.0		96.6	86-123				
1,2-Dichlorobenzene	49.6		"	50.0		99.2	85-122				
1,2-Dichloroethane	46.4		"	50.0		92.7	71-133				
1,2-Dichloropropane	54.1		"	50.0		108	81-122				
1,3,5-Trimethylbenzene	55.8		"	50.0		112	82-126				
1,3-Dichlorobenzene	50.9		"	50.0		102	84-124				
1,3-Dichloropropane	49.9		"	50.0		99.7	83-123				
1,4-Dichlorobenzene	50.5		"	50.0		101	84-124				
1,4-Dioxane	1090		"	1050		104	10-228				
2,2-Dichloropropane	53.1		"	50.0		106	67-136				
2-Butanone	48.8		"	50.0		97.6	58-147				
2-Chlorotoluene	53.4		"	50.0		107	78-127				
2-Hexanone	58.4		"	50.0		117	70-139				
4-Chlorotoluene	54.6		"	50.0		109	79-125				
4-Methyl-2-pentanone	56.9		"	50.0		114	72-132				
Acetone	44.0		"	50.0		87.9	36-155				
Acrolein	65.8		"	50.0		132	10-238				
Acrylonitrile	49.1		"	50.0		98.3	66-141				
Benzene	44.5		"	50.0		89.0	77-127				
Bromobenzene	53.1		"	50.0		106	77-129				
Bromochloromethane	47.5		"	50.0		95.0	74-129				
Bromodichloromethane	44.5		"	50.0		89.0	81-124				
Bromoform	44.9		"	50.0		89.8	80-136				
Bromomethane	30.8		"	50.0		61.6	32-177				
Carbon disulfide	48.6		"	50.0		97.1	10-136				
Carbon tetrachloride	41.4		"	50.0		82.7	66-143				
Chlorobenzene	50.1		"	50.0		100	86-120				
Chloroethane	49.7		"	50.0		99.3	51-142				
Chloroform	44.6		"	50.0		89.2	76-131				
Chloromethane	59.4		"	50.0		119	49-132				
cis-1,2-Dichloroethylene	44.8		"	50.0		89.7	74-132				
cis-1,3-Dichloropropylene	48.0		"	50.0		96.0	81-129				
Cyclohexane	46.8		"	50.0		93.6	70-130				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BF41350 - EPA 5035A

LCS (BF41350-BS1)

Prepared & Analyzed: 06/20/2024

Dibromochloromethane	40.7		ug/L	50.0		81.3	10-200				
Dibromomethane	46.9		"	50.0		93.8	83-124				
Dichlorodifluoromethane	59.3		"	50.0		119	28-158				
Ethyl Benzene	52.5		"	50.0		105	84-125				
Hexachlorobutadiene	45.7		"	50.0		91.3	83-133				
Isopropylbenzene	56.1		"	50.0		112	81-127				
Methyl acetate	44.6		"	50.0		89.3	41-143				
Methyl tert-butyl ether (MTBE)	45.8		"	50.0		91.6	74-131				
Methylcyclohexane	47.9		"	50.0		95.7	70-130				
Methylene chloride	43.2		"	50.0		86.5	57-141				
n-Butylbenzene	50.3		"	50.0		101	80-130				
n-Propylbenzene	55.8		"	50.0		112	74-136				
o-Xylene	47.7		"	50.0		95.3	83-123				
p- & m- Xylenes	98.2		"	100		98.2	82-128				
p-Isopropyltoluene	49.3		"	50.0		98.5	85-125				
sec-Butylbenzene	55.1		"	50.0		110	83-125				
Styrene	48.2		"	50.0		96.4	86-126				
tert-Butyl alcohol (TBA)	270		"	250		108	70-130				
tert-Butylbenzene	53.5		"	50.0		107	80-127				
Tetrachloroethylene	29.9		"	50.0		59.9	80-129	Low Bias			
Toluene	53.2		"	50.0		106	85-121				
trans-1,2-Dichloroethylene	46.0		"	50.0		91.9	72-132				
trans-1,3-Dichloropropylene	49.3		"	50.0		98.6	78-132				
Trichloroethylene	46.4		"	50.0		92.9	84-123				
Trichlorofluoromethane	49.7		"	50.0		99.4	62-140				
Vinyl acetate	64.3		"	50.0		129	67-136				
Vinyl Chloride	63.3		"	50.0		127	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	49.9		"	50.0		99.9	77-125				
Surrogate: SURR: Toluene-d8	52.2		"	50.0		104	85-120				
Surrogate: SURR: p-Bromofluorobenzene	52.6		"	50.0		105	76-130				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF41350 - EPA 5035A											
LCS Dup (BF41350-BSD1)						Prepared & Analyzed: 06/20/2024					
1,1,1,2-Tetrachloroethane	47.4		ug/L	50.0		94.9	75-129		6.94	30	
1,1,1-Trichloroethane	45.2		"	50.0		90.5	71-137		6.93	30	
1,1,2,2-Tetrachloroethane	57.7		"	50.0		115	79-129		8.15	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.9		"	50.0		102	58-146		6.84	30	
1,1,2-Trichloroethane	50.5		"	50.0		101	83-123		5.06	30	
1,1-Dichloroethane	51.4		"	50.0		103	75-130		7.77	30	
1,1-Dichloroethylene	53.0		"	50.0		106	64-137		4.93	30	
1,1-Dichloropropylene	47.9		"	50.0		95.7	77-127		7.32	30	
1,2,3-Trichlorobenzene	45.4		"	50.0		90.7	81-140		6.98	30	
1,2,3-Trichloropropane	52.0		"	50.0		104	81-126		3.28	30	
1,2,4-Trichlorobenzene	48.9		"	50.0		97.8	80-141		6.87	30	
1,2,4-Trimethylbenzene	59.8		"	50.0		120	84-125		7.93	30	
1,2-Dibromo-3-chloropropane	51.8		"	50.0		104	74-142		9.38	30	
1,2-Dibromoethane	51.2		"	50.0		102	86-123		5.75	30	
1,2-Dichlorobenzene	53.0		"	50.0		106	85-122		6.65	30	
1,2-Dichloroethane	49.2		"	50.0		98.5	71-133		6.03	30	
1,2-Dichloropropane	56.8		"	50.0		114	81-122		4.90	30	
1,3,5-Trimethylbenzene	59.3		"	50.0		119	82-126		6.01	30	
1,3-Dichlorobenzene	54.2		"	50.0		108	84-124		6.41	30	
1,3-Dichloropropane	53.2		"	50.0		106	83-123		6.48	30	
1,4-Dichlorobenzene	54.0		"	50.0		108	84-124		6.66	30	
1,4-Dioxane	1150		"	1050		109	10-228		5.35	30	
2,2-Dichloropropane	56.6		"	50.0		113	67-136		6.38	30	
2-Butanone	53.5		"	50.0		107	58-147		9.19	30	
2-Chlorotoluene	57.8		"	50.0		116	78-127		7.90	30	
2-Hexanone	62.5		"	50.0		125	70-139		6.68	30	
4-Chlorotoluene	59.4		"	50.0		119	79-125		8.37	30	
4-Methyl-2-pentanone	60.4		"	50.0		121	72-132		6.00	30	
Acetone	46.0		"	50.0		92.1	36-155		4.62	30	
Acrolein	71.4		"	50.0		143	10-238		8.12	30	
Acrylonitrile	50.7		"	50.0		101	66-141		3.13	30	
Benzene	48.2		"	50.0		96.5	77-127		8.07	30	
Bromobenzene	57.3		"	50.0		115	77-129		7.50	30	
Bromochloromethane	50.6		"	50.0		101	74-129		6.44	30	
Bromodichloromethane	47.4		"	50.0		94.9	81-124		6.42	30	
Bromoform	50.0		"	50.0		99.9	80-136		10.7	30	
Bromomethane	33.6		"	50.0		67.2	32-177		8.79	30	
Carbon disulfide	51.7		"	50.0		103	10-136		6.30	30	
Carbon tetrachloride	44.6		"	50.0		89.1	66-143		7.45	30	
Chlorobenzene	53.3		"	50.0		107	86-120		6.25	30	
Chloroethane	53.2		"	50.0		106	51-142		6.81	30	
Chloroform	47.9		"	50.0		95.7	76-131		7.07	30	
Chloromethane	63.8		"	50.0		128	49-132		7.21	30	
cis-1,2-Dichloroethylene	48.2		"	50.0		96.5	74-132		7.28	30	
cis-1,3-Dichloropropylene	51.0		"	50.0		102	81-129		6.06	30	
Cyclohexane	50.0		"	50.0		100	70-130		6.67	30	
Dibromochloromethane	43.8		"	50.0		87.6	10-200		7.44	30	
Dibromomethane	49.9		"	50.0		99.8	83-124		6.12	30	
Dichlorodifluoromethane	63.8		"	50.0		128	28-158		7.37	30	
Ethyl Benzene	56.4		"	50.0		113	84-125		7.14	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF41350 - EPA 5035A											
LCS Dup (BF41350-BSD1)						Prepared & Analyzed: 06/20/2024					
Hexachlorobutadiene	50.4		ug/L	50.0		101	83-133		9.81	30	
Isopropylbenzene	60.3		"	50.0		121	81-127		7.13	30	
Methyl acetate	47.4		"	50.0		94.7	41-143		5.91	30	
Methyl tert-butyl ether (MTBE)	48.6		"	50.0		97.2	74-131		6.00	30	
Methylcyclohexane	50.9		"	50.0		102	70-130		6.17	30	
Methylene chloride	47.3		"	50.0		94.5	57-141		8.88	30	
n-Butylbenzene	53.8		"	50.0		108	80-130		6.88	30	
n-Propylbenzene	59.8		"	50.0		120	74-136		6.89	30	
o-Xylene	51.8		"	50.0		104	83-123		8.32	30	
p- & m- Xylenes	105		"	100		105	82-128		6.51	30	
p-Isopropyltoluene	53.1		"	50.0		106	85-125		7.56	30	
sec-Butylbenzene	59.4		"	50.0		119	83-125		7.47	30	
Styrene	51.2		"	50.0		102	86-126		6.10	30	
tert-Butyl alcohol (TBA)	290		"	250		116	70-130		7.12	30	
tert-Butylbenzene	57.8		"	50.0		116	80-127		7.82	30	
Tetrachloroethylene	31.2		"	50.0		62.4	80-129	Low Bias	4.22	30	
Toluene	56.2		"	50.0		112	85-121		5.54	30	
trans-1,2-Dichloroethylene	49.1		"	50.0		98.2	72-132		6.61	30	
trans-1,3-Dichloropropylene	52.3		"	50.0		105	78-132		5.94	30	
Trichloroethylene	49.6		"	50.0		99.2	84-123		6.60	30	
Trichlorofluoromethane	52.2		"	50.0		104	62-140		4.92	30	
Vinyl acetate	70.2		"	50.0		140	67-136	High Bias	8.73	30	
Vinyl Chloride	67.8		"	50.0		136	52-130	High Bias	6.87	30	
Surrogate: SURRE: 1,2-Dichloroethane-d4	49.7		"	50.0		99.4	77-125				
Surrogate: SURRE: Toluene-d8	51.9		"	50.0		104	85-120				
Surrogate: SURRE: p-Bromofluorobenzene	52.5		"	50.0		105	76-130				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Flag	RPD	RPD	
		Limit								Limit	Flag

Batch BF41462 - EPA 5035A

Blank (BF41462-BLK1)

Prepared: 06/21/2024 Analyzed: 06/22/2024

1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet
1,1,1-Trichloroethane	ND	0.0050	"
1,1,2,2-Tetrachloroethane	ND	0.0050	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"
1,1,2-Trichloroethane	ND	0.0050	"
1,1-Dichloroethane	ND	0.0050	"
1,1-Dichloroethylene	ND	0.0050	"
1,1-Dichloropropylene	ND	0.0050	"
1,2,3-Trichlorobenzene	ND	0.0050	"
1,2,3-Trichloropropane	ND	0.0050	"
1,2,4-Trichlorobenzene	ND	0.0050	"
1,2,4-Trimethylbenzene	ND	0.0050	"
1,2-Dibromo-3-chloropropane	ND	0.0050	"
1,2-Dibromoethane	ND	0.0050	"
1,2-Dichlorobenzene	ND	0.0050	"
1,2-Dichloroethane	ND	0.0050	"
1,2-Dichloropropane	ND	0.0050	"
1,3,5-Trimethylbenzene	ND	0.0050	"
1,3-Dichlorobenzene	ND	0.0050	"
1,3-Dichloropropane	ND	0.0050	"
1,4-Dichlorobenzene	ND	0.0050	"
1,4-Dioxane	ND	0.10	"
2,2-Dichloropropane	ND	0.0050	"
2-Butanone	ND	0.0050	"
2-Chlorotoluene	ND	0.0050	"
2-Hexanone	ND	0.0050	"
4-Chlorotoluene	ND	0.0050	"
4-Methyl-2-pentanone	ND	0.0050	"
Acetone	ND	0.010	"
Acrolein	ND	0.010	"
Acrylonitrile	ND	0.0050	"
Benzene	ND	0.0050	"
Bromobenzene	ND	0.0050	"
Bromochloromethane	ND	0.0050	"
Bromodichloromethane	ND	0.0050	"
Bromoform	ND	0.0050	"
Bromomethane	ND	0.0050	"
Carbon disulfide	ND	0.0050	"
Carbon tetrachloride	ND	0.0050	"
Chlorobenzene	ND	0.0050	"
Chloroethane	ND	0.0050	"
Chloroform	ND	0.0050	"
Chloromethane	ND	0.0050	"
cis-1,2-Dichloroethylene	ND	0.0050	"
cis-1,3-Dichloropropylene	ND	0.0050	"
Cyclohexane	ND	0.0050	"
Dibromochloromethane	ND	0.0050	"
Dibromomethane	ND	0.0050	"
Dichlorodifluoromethane	ND	0.0050	"
Ethyl Benzene	ND	0.0050	"



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BF41462 - EPA 5035A

Blank (BF41462-BLK1)

Prepared: 06/21/2024 Analyzed: 06/22/2024

Hexachlorobutadiene	ND	0.0050	mg/kg wet
Isopropylbenzene	ND	0.0050	"
Methyl acetate	ND	0.0050	"
Methyl tert-butyl ether (MTBE)	ND	0.0050	"
Methyleyclohexane	ND	0.0050	"
Methylene chloride	ND	0.010	"
n-Butylbenzene	ND	0.0050	"
n-Propylbenzene	ND	0.0050	"
o-Xylene	ND	0.0050	"
p- & m- Xylenes	ND	0.010	"
p-Isopropyltoluene	ND	0.0050	"
sec-Butylbenzene	ND	0.0050	"
Styrene	ND	0.0050	"
tert-Butyl alcohol (TBA)	ND	0.0050	"
tert-Butylbenzene	ND	0.0050	"
Tetrachloroethylene	ND	0.0050	"
Toluene	ND	0.0050	"
trans-1,2-Dichloroethylene	ND	0.0050	"
trans-1,3-Dichloropropylene	ND	0.0050	"
Trichloroethylene	ND	0.0050	"
Trichlorofluoromethane	ND	0.0050	"
Vinyl acetate	ND	0.0050	"
Vinyl Chloride	ND	0.0050	"
Xylenes, Total	ND	0.015	"

Surrogate: SURR: 1,2-Dichloroethane-d4	48.6	ug/L	50.0	97.2	77-125
Surrogate: SURR: Toluene-d8	52.6	"	50.0	105	85-120
Surrogate: SURR: p-Bromofluorobenzene	53.0	"	50.0	106	76-130



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BF41462 - EPA 5035A

LCS (BF41462-BS1)

Prepared: 06/21/2024 Analyzed: 06/22/2024

1,1,1,2-Tetrachloroethane	44.1		ug/L	50.0		88.3	75-129				
1,1,1-Trichloroethane	41.8		"	50.0		83.7	71-137				
1,1,2,2-Tetrachloroethane	56.6		"	50.0		113	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	45.7		"	50.0		91.3	58-146				
1,1,2-Trichloroethane	48.2		"	50.0		96.4	83-123				
1,1-Dichloroethane	49.3		"	50.0		98.6	75-130				
1,1-Dichloroethylene	50.4		"	50.0		101	64-137				
1,1-Dichloropropylene	44.6		"	50.0		89.2	77-127				
1,2,3-Trichlorobenzene	41.3		"	50.0		82.5	81-140				
1,2,3-Trichloropropane	51.3		"	50.0		103	81-126				
1,2,4-Trichlorobenzene	42.2		"	50.0		84.4	80-141				
1,2,4-Trimethylbenzene	55.8		"	50.0		112	84-125				
1,2-Dibromo-3-chloropropane	51.6		"	50.0		103	74-142				
1,2-Dibromoethane	48.7		"	50.0		97.4	86-123				
1,2-Dichlorobenzene	50.5		"	50.0		101	85-122				
1,2-Dichloroethane	47.6		"	50.0		95.2	71-133				
1,2-Dichloropropane	56.3		"	50.0		113	81-122				
1,3,5-Trimethylbenzene	56.1		"	50.0		112	82-126				
1,3-Dichlorobenzene	50.4		"	50.0		101	84-124				
1,3-Dichloropropane	53.3		"	50.0		107	83-123				
1,4-Dichlorobenzene	47.7		"	50.0		95.4	84-124				
1,4-Dioxane	1040		"	1050		99.5	10-228				
2,2-Dichloropropane	49.9		"	50.0		99.8	67-136				
2-Butanone	48.3		"	50.0		96.7	58-147				
2-Chlorotoluene	55.2		"	50.0		110	78-127				
2-Hexanone	61.8		"	50.0		124	70-139				
4-Chlorotoluene	55.7		"	50.0		111	79-125				
4-Methyl-2-pentanone	60.5		"	50.0		121	72-132				
Acetone	43.2		"	50.0		86.4	36-155				
Acrolein	59.0		"	50.0		118	10-238				
Acrylonitrile	51.6		"	50.0		103	66-141				
Benzene	46.0		"	50.0		92.0	77-127				
Bromobenzene	57.4		"	50.0		115	77-129				
Bromochloromethane	53.0		"	50.0		106	74-129				
Bromodichloromethane	45.7		"	50.0		91.4	81-124				
Bromoform	43.9		"	50.0		87.7	80-136				
Bromomethane	36.2		"	50.0		72.3	32-177				
Carbon disulfide	47.1		"	50.0		94.2	10-136				
Carbon tetrachloride	39.6		"	50.0		79.1	66-143				
Chlorobenzene	50.9		"	50.0		102	86-120				
Chloroethane	45.6		"	50.0		91.2	51-142				
Chloroform	45.0		"	50.0		90.1	76-131				
Chloromethane	56.1		"	50.0		112	49-132				
cis-1,2-Dichloroethylene	46.0		"	50.0		92.0	74-132				
cis-1,3-Dichloropropylene	48.6		"	50.0		97.3	81-129				
Cyclohexane	47.9		"	50.0		95.7	70-130				
Dibromochloromethane	39.4		"	50.0		78.8	10-200				
Dibromomethane	48.0		"	50.0		96.1	83-124				
Dichlorodifluoromethane	55.7		"	50.0		111	28-158				
Ethyl Benzene	55.1		"	50.0		110	84-125				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BF41462 - EPA 5035A

LCS (BF41462-BS1)

Prepared: 06/21/2024 Analyzed: 06/22/2024

Hexachlorobutadiene	43.8		ug/L	50.0		87.6	83-133				
Isopropylbenzene	56.7		"	50.0		113	81-127				
Methyl acetate	46.8		"	50.0		93.6	41-143				
Methyl tert-butyl ether (MTBE)	44.4		"	50.0		88.7	74-131				
Methyleyclohexane	47.4		"	50.0		94.9	70-130				
Methylene chloride	48.4		"	50.0		96.8	57-141				
n-Butylbenzene	51.0		"	50.0		102	80-130				
n-Propylbenzene	57.0		"	50.0		114	74-136				
o-Xylene	50.2		"	50.0		100	83-123				
p- & m- Xylenes	100		"	100		100	82-128				
p-Isopropyltoluene	48.7		"	50.0		97.5	85-125				
sec-Butylbenzene	56.9		"	50.0		114	83-125				
Styrene	49.4		"	50.0		98.8	86-126				
tert-Butyl alcohol (TBA)	251		"	250		100	70-130				
tert-Butylbenzene	54.6		"	50.0		109	80-127				
Tetrachloroethylene	27.5		"	50.0		55.0	80-129	Low Bias			
Toluene	54.6		"	50.0		109	85-121				
trans-1,2-Dichloroethylene	46.2		"	50.0		92.4	72-132				
trans-1,3-Dichloropropylene	49.8		"	50.0		99.5	78-132				
Trichloroethylene	46.3		"	50.0		92.6	84-123				
Trichlorofluoromethane	43.3		"	50.0		86.6	62-140				
Vinyl acetate	61.6		"	50.0		123	67-136				
Vinyl Chloride	54.5		"	50.0		109	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	48.3		"	50.0		96.6	77-125				
Surrogate: SURR: Toluene-d8	51.9		"	50.0		104	85-120				
Surrogate: SURR: p-Bromofluorobenzene	52.8		"	50.0		106	76-130				

LCS Dup (BF41462-BSD1)

Prepared: 06/21/2024 Analyzed: 06/22/2024

1,1,1,2-Tetrachloroethane	43.5		ug/L	50.0		87.1	75-129		1.37	30	
1,1,1-Trichloroethane	41.3		"	50.0		82.6	71-137		1.27	30	
1,1,2,2-Tetrachloroethane	56.6		"	50.0		113	79-129		0.0884	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	45.1		"	50.0		90.2	58-146		1.28	30	
1,1,2-Trichloroethane	47.6		"	50.0		95.2	83-123		1.29	30	
1,1-Dichloroethane	49.4		"	50.0		98.9	75-130		0.284	30	
1,1-Dichloroethylene	50.2		"	50.0		100	64-137		0.418	30	
1,1-Dichloropropylene	44.2		"	50.0		88.4	77-127		0.946	30	
1,2,3-Trichlorobenzene	41.4		"	50.0		82.8	81-140		0.339	30	
1,2,3-Trichloropropane	50.9		"	50.0		102	81-126		0.783	30	
1,2,4-Trichlorobenzene	41.8		"	50.0		83.5	80-141		1.05	30	
1,2,4-Trimethylbenzene	55.6		"	50.0		111	84-125		0.467	30	
1,2-Dibromo-3-chloropropane	50.2		"	50.0		100	74-142		2.67	30	
1,2-Dibromoethane	48.2		"	50.0		96.5	86-123		0.949	30	
1,2-Dichlorobenzene	49.5		"	50.0		99.0	85-122		1.96	30	
1,2-Dichloroethane	48.0		"	50.0		96.0	71-133		0.900	30	
1,2-Dichloropropane	56.5		"	50.0		113	81-122		0.372	30	
1,3,5-Trimethylbenzene	55.5		"	50.0		111	82-126		1.15	30	
1,3-Dichlorobenzene	49.0		"	50.0		98.0	84-124		2.76	30	
1,3-Dichloropropane	52.7		"	50.0		105	83-123		1.26	30	
1,4-Dichlorobenzene	48.2		"	50.0		96.4	84-124		1.00	30	
1,4-Dioxane	974		"	1050		92.7	10-228		7.02	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF41462 - EPA 5035A											
LCS Dup (BF41462-BSD1)						Prepared: 06/21/2024 Analyzed: 06/22/2024					
2,2-Dichloropropane	49.4		ug/L	50.0		98.7	67-136		1.09	30	
2-Butanone	47.5		"	50.0		95.0	58-147		1.71	30	
2-Chlorotoluene	54.6		"	50.0		109	78-127		1.09	30	
2-Hexanone	60.2		"	50.0		120	70-139		2.67	30	
4-Chlorotoluene	55.7		"	50.0		111	79-125		0.0718	30	
4-Methyl-2-pentanone	59.2		"	50.0		118	72-132		2.17	30	
Acetone	43.2		"	50.0		86.5	36-155		0.0694	30	
Acrolein	55.6		"	50.0		111	10-238		6.00	30	
Acrylonitrile	48.9		"	50.0		97.9	66-141		5.39	30	
Benzene	46.0		"	50.0		92.0	77-127		0.00	30	
Bromobenzene	56.4		"	50.0		113	77-129		1.86	30	
Bromochloromethane	52.8		"	50.0		106	74-129		0.359	30	
Bromodichloromethane	45.0		"	50.0		90.1	81-124		1.48	30	
Bromoform	43.5		"	50.0		87.1	80-136		0.755	30	
Bromomethane	35.9		"	50.0		71.8	32-177		0.694	30	
Carbon disulfide	47.3		"	50.0		94.5	10-136		0.318	30	
Carbon tetrachloride	39.6		"	50.0		79.2	66-143		0.101	30	
Chlorobenzene	50.2		"	50.0		100	86-120		1.32	30	
Chloroethane	44.9		"	50.0		89.8	51-142		1.53	30	
Chloroform	45.6		"	50.0		91.2	76-131		1.30	30	
Chloromethane	55.6		"	50.0		111	49-132		0.752	30	
cis-1,2-Dichloroethylene	45.9		"	50.0		91.9	74-132		0.0870	30	
cis-1,3-Dichloropropylene	48.2		"	50.0		96.4	81-129		0.909	30	
Cyclohexane	46.7		"	50.0		93.4	70-130		2.45	30	
Dibromochloromethane	39.1		"	50.0		78.2	10-200		0.790	30	
Dibromomethane	46.6		"	50.0		93.1	83-124		3.11	30	
Dichlorodifluoromethane	53.9		"	50.0		108	28-158		3.21	30	
Ethyl Benzene	53.9		"	50.0		108	84-125		2.13	30	
Hexachlorobutadiene	42.7		"	50.0		85.4	83-133		2.50	30	
Isopropylbenzene	56.4		"	50.0		113	81-127		0.442	30	
Methyl acetate	46.2		"	50.0		92.5	41-143		1.22	30	
Methyl tert-butyl ether (MTBE)	44.8		"	50.0		89.6	74-131		0.987	30	
Methylcyclohexane	46.5		"	50.0		92.9	70-130		2.09	30	
Methylene chloride	48.4		"	50.0		96.8	57-141		0.00	30	
n-Butylbenzene	49.7		"	50.0		99.4	80-130		2.68	30	
n-Propylbenzene	56.6		"	50.0		113	74-136		0.704	30	
o-Xylene	49.0		"	50.0		98.0	83-123		2.28	30	
p- & m- Xylenes	98.3		"	100		98.3	82-128		1.75	30	
p-Isopropyltoluene	48.0		"	50.0		96.1	85-125		1.43	30	
sec-Butylbenzene	55.4		"	50.0		111	83-125		2.65	30	
Styrene	48.6		"	50.0		97.2	86-126		1.61	30	
tert-Butyl alcohol (TBA)	249		"	250		99.4	70-130		0.893	30	
tert-Butylbenzene	53.4		"	50.0		107	80-127		2.13	30	
Tetrachloroethylene	27.1		"	50.0		54.1	80-129	Low Bias	1.65	30	
Toluene	54.0		"	50.0		108	85-121		1.12	30	
trans-1,2-Dichloroethylene	46.4		"	50.0		92.8	72-132		0.410	30	
trans-1,3-Dichloropropylene	48.6		"	50.0		97.1	78-132		2.42	30	
Trichloroethylene	45.6		"	50.0		91.2	84-123		1.44	30	
Trichlorofluoromethane	42.8		"	50.0		85.7	62-140		0.998	30	
Vinyl acetate	59.5		"	50.0		119	67-136		3.49	30	
Vinyl Chloride	52.6		"	50.0		105	52-130		3.43	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Flag	RPD	RPD	Limit	Flag
		Limit		Level	Result	%REC	Limits		RPD	Limit		
Batch BF41462 - EPA 5035A												
LCS Dup (BF41462-BSD1)				Prepared: 06/21/2024 Analyzed: 06/22/2024								
Surrogate: SURR: 1,2-Dichloroethane-d4	49.3		ug/L	50.0		98.7	77-125					
Surrogate: SURR: Toluene-d8	52.0		"	50.0		104	85-120					
Surrogate: SURR: p-Bromofluorobenzene	53.2		"	50.0		106	76-130					
Matrix Spike (BF41462-MS1)	*Source sample: 24F1192-05 (SB-5 (0-6 in.))						Prepared: 06/21/2024 Analyzed: 06/22/2024					
1,1,1,2-Tetrachloroethane	25.8		ug/L	50.0	0.00	51.6	15-161					
1,1,1-Trichloroethane	32.9		"	50.0	0.00	65.8	42-145					
1,1,2,2-Tetrachloroethane	30.7		"	50.0	0.00	61.5	16-167					
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	35.9		"	50.0	0.00	71.8	11-160					
1,1,2-Trichloroethane	32.8		"	50.0	0.00	65.5	44-145					
1,1-Dichloroethane	39.5		"	50.0	0.00	78.9	46-142					
1,1-Dichloroethylene	41.2		"	50.0	0.00	82.3	30-153					
1,1-Dichloropropylene	34.6		"	50.0	0.00	69.2	40-133					
1,2,3-Trichlorobenzene	5.36		"	50.0	0.00	10.7	10-157					
1,2,3-Trichloropropane	31.2		"	50.0	0.00	62.3	38-155					
1,2,4-Trichlorobenzene	6.35		"	50.0	0.00	12.7	10-151					
1,2,4-Trimethylbenzene	22.9		"	50.0	0.00	45.8	10-170					
1,2-Dibromo-3-chloropropane	23.7		"	50.0	0.00	47.4	36-138					
1,2-Dibromoethane	29.4		"	50.0	0.00	58.8	40-142					
1,2-Dichlorobenzene	15.7		"	50.0	0.00	31.5	10-147					
1,2-Dichloroethane	36.6		"	50.0	0.00	73.2	48-133					
1,2-Dichloropropane	41.9		"	50.0	0.00	83.8	47-141					
1,3,5-Trimethylbenzene	24.4		"	50.0	0.00	48.8	10-150					
1,3-Dichlorobenzene	17.2		"	50.0	0.00	34.4	10-144					
1,3-Dichloropropane	35.4		"	50.0	0.00	70.9	43-142					
1,4-Dichlorobenzene	16.4		"	50.0	0.00	32.8	10-160					
1,4-Dioxane	968		"	1050	0.00	92.2	10-191					
2,2-Dichloropropane	39.8		"	50.0	0.00	79.6	38-130					
2-Butanone	11.4		"	50.0	0.00	22.8	10-189					
2-Chlorotoluene	25.0		"	50.0	0.00	49.9	14-144					
2-Hexanone	7.30		"	50.0	0.00	14.6	10-181					
4-Chlorotoluene	23.8		"	50.0	0.00	47.6	15-138					
4-Methyl-2-pentanone	22.2		"	50.0	0.00	44.4	10-166					
Acetone	14.8		"	50.0	29.9	NR	10-196	Low Bias				
Acrolein	0.00		"	50.0	0.00		10-192	Low Bias				
Acrylonitrile	21.6		"	50.0	0.00	43.2	13-161					
Benzene	35.2		"	50.0	0.00	70.4	43-139					
Bromobenzene	25.6		"	50.0	0.00	51.3	23-142					
Bromochloromethane	40.7		"	50.0	0.00	81.4	38-145					
Bromodichloromethane	30.8		"	50.0	0.00	61.6	38-147					
Bromoform	20.8		"	50.0	0.00	41.6	29-156					
Bromomethane	15.9		"	50.0	0.00	31.8	10-166					
Carbon disulfide	35.3		"	50.0	0.00	70.6	10-131					
Carbon tetrachloride	30.1		"	50.0	0.00	60.3	35-145					
Chlorobenzene	28.3		"	50.0	0.00	56.6	21-154					
Chloroethane	40.6		"	50.0	0.00	81.2	15-160					
Chloroform	34.8		"	50.0	0.00	69.6	47-142					
Chloromethane	43.1		"	50.0	0.00	86.2	10-159					
cis-1,2-Dichloroethylene	35.8		"	50.0	0.00	71.6	42-144					
cis-1,3-Dichloropropylene	25.0		"	50.0	0.00	50.0	18-159					



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BF41462 - EPA 5035A

Matrix Spike (BF41462-MS1)		*Source sample: 24F1192-05 (SB-5 (0-6 in.))					Prepared: 06/21/2024 Analyzed: 06/22/2024			
Cyclohexane	33.9		ug/L	50.0	0.00	67.8	70-130	Low Bias		
Dibromochloromethane	23.4		"	50.0	0.00	46.9	10-179			
Dibromomethane	35.2		"	50.0	0.00	70.4	47-143			
Dichlorodifluoromethane	44.6		"	50.0	0.00	89.2	10-145			
Ethyl Benzene	32.0		"	50.0	0.00	64.0	11-158			
Hexachlorobutadiene	7.93		"	50.0	0.00	15.9	10-158			
Isopropylbenzene	30.5		"	50.0	0.00	61.0	10-162			
Methyl acetate	12.6		"	50.0	0.00	25.2	10-149			
Methyl tert-butyl ether (MTBE)	37.0		"	50.0	0.00	74.1	42-152			
Methyleyclohexane	27.8		"	50.0	0.00	55.5	70-130	Low Bias		
Methylene chloride	37.6		"	50.0	0.00	75.2	28-151			
n-Butylbenzene	15.9		"	50.0	0.00	31.7	10-162			
n-Propylbenzene	27.2		"	50.0	0.00	54.4	10-155			
o-Xylene	27.7		"	50.0	0.00	55.4	10-158			
p- & m- Xylenes	57.9		"	100	0.00	57.9	10-156			
p-Isopropyltoluene	18.2		"	50.0	0.00	36.4	10-147			
sec-Butylbenzene	23.1		"	50.0	0.00	46.2	10-157			
Styrene	23.3		"	50.0	0.00	46.5	13-171			
tert-Butyl alcohol (TBA)	219		"	250	0.00	87.6	34-179			
tert-Butylbenzene	24.6		"	50.0	0.00	49.3	10-160			
Tetrachloroethylene	17.4		"	50.0	0.00	34.8	30-167			
Toluene	36.8		"	50.0	0.00	73.5	21-160			
trans-1,2-Dichloroethylene	36.5		"	50.0	0.00	72.9	29-153			
trans-1,3-Dichloropropylene	25.9		"	50.0	0.00	51.8	18-155			
Trichloroethylene	32.7		"	50.0	0.00	65.3	24-169			
Trichlorofluoromethane	36.8		"	50.0	0.00	73.7	35-142			
Vinyl acetate	0.00		"	50.0	0.00		10-119	Low Bias		
Vinyl Chloride	46.0		"	50.0	0.00	92.1	12-160			
Surrogate: SURRE: 1,2-Dichloroethane-d4	51.4		"	50.0		103	77-125			
Surrogate: SURRE: Toluene-d8	52.1		"	50.0		104	85-120			
Surrogate: SURRE: p-Bromofluorobenzene	53.9		"	50.0		108	76-130			



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	Limit	Flag
Batch BF41462 - EPA 5035A											
Matrix Spike Dup (BF41462-MSD1)		*Source sample: 24F1192-05 (SB-5 (0-6 in.))					Prepared: 06/21/2024 Analyzed: 06/22/2024				
1,1,1,2-Tetrachloroethane	24.5		ug/L	50.0	0.00	49.0	15-161		5.13	33	
1,1,1-Trichloroethane	30.6		"	50.0	0.00	61.2	42-145		7.37	30	
1,1,2,2-Tetrachloroethane	29.7		"	50.0	0.00	59.4	16-167		3.44	56	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	30.9		"	50.0	0.00	61.9	11-160		14.9	31	
1,1,2-Trichloroethane	32.2		"	50.0	0.00	64.5	44-145		1.60	40	
1,1-Dichloroethane	39.1		"	50.0	0.00	78.2	46-142		0.993	36	
1,1-Dichloroethylene	39.6		"	50.0	0.00	79.3	30-153		3.76	31	
1,1-Dichloropropylene	30.6		"	50.0	0.00	61.2	40-133		12.4	28	
1,2,3-Trichlorobenzene	6.51		"	50.0	0.00	13.0	10-157		19.4	47	
1,2,3-Trichloropropane	29.9		"	50.0	0.00	59.8	38-155		4.23	48	
1,2,4-Trichlorobenzene	7.84		"	50.0	0.00	15.7	10-151		21.0	52	
1,2,4-Trimethylbenzene	21.9		"	50.0	0.00	43.8	10-170		4.55	242	
1,2-Dibromo-3-chloropropane	22.3		"	50.0	0.00	44.7	36-138		5.87	54	
1,2-Dibromoethane	29.5		"	50.0	0.00	59.0	40-142		0.272	39	
1,2-Dichlorobenzene	15.5		"	50.0	0.00	31.0	10-147		1.54	52	
1,2-Dichloroethane	36.0		"	50.0	0.00	72.1	48-133		1.54	32	
1,2-Dichloropropane	40.9		"	50.0	0.00	81.8	47-141		2.37	37	
1,3,5-Trimethylbenzene	23.0		"	50.0	0.00	46.1	10-150		5.73	62	
1,3-Dichlorobenzene	16.6		"	50.0	0.00	33.2	10-144		3.49	51	
1,3-Dichloropropane	35.2		"	50.0	0.00	70.5	43-142		0.566	36	
1,4-Dichlorobenzene	16.2		"	50.0	0.00	32.4	10-160		1.23	52	
1,4-Dioxane	944		"	1050	0.00	89.9	10-191		2.53	196	
2,2-Dichloropropane	38.3		"	50.0	0.00	76.7	38-130		3.79	31	
2-Butanone	27.2		"	50.0	0.00	54.4	10-189		81.8	67	Non-dir.
2-Chlorotoluene	23.0		"	50.0	0.00	45.9	14-144		8.34	49	
2-Hexanone	22.6		"	50.0	0.00	45.2	10-181		102	60	Non-dir.
4-Chlorotoluene	22.3		"	50.0	0.00	44.7	15-138		6.29	39	
4-Methyl-2-pentanone	37.8		"	50.0	0.00	75.7	10-166		52.1	47	Non-dir.
Acetone	57.3		"	50.0	30.2	54.3	10-196		118	150	
Acrolein	0.00		"	50.0	0.00		10-192	Low Bias		128	
Acrylonitrile	26.4		"	50.0	0.00	52.9	13-161		20.2	48	
Benzene	33.8		"	50.0	0.00	67.7	43-139		3.91	64	
Bromobenzene	24.8		"	50.0	0.00	49.6	23-142		3.45	44	
Bromochloromethane	39.8		"	50.0	0.00	79.7	38-145		2.06	30	
Bromodichloromethane	30.4		"	50.0	0.00	60.7	38-147		1.44	37	
Bromoform	20.4		"	50.0	0.00	40.8	29-156		1.80	51	
Bromomethane	18.0		"	50.0	0.00	35.9	10-166		12.0	42	
Carbon disulfide	32.7		"	50.0	0.00	65.5	10-131		7.55	36	
Carbon tetrachloride	27.4		"	50.0	0.00	54.8	35-145		9.60	31	
Chlorobenzene	26.6		"	50.0	0.00	53.3	21-154		6.04	32	
Chloroethane	41.2		"	50.0	0.00	82.5	15-160		1.54	40	
Chloroform	34.0		"	50.0	0.00	68.0	47-142		2.27	29	
Chloromethane	46.0		"	50.0	0.00	92.0	10-159		6.51	31	
cis-1,2-Dichloroethylene	34.4		"	50.0	0.00	68.7	42-144		4.05	30	
cis-1,3-Dichloropropylene	24.3		"	50.0	0.00	48.6	18-159		2.72	39	
Cyclohexane	27.4		"	50.0	0.00	54.8	70-130	Low Bias	21.3	30	
Dibromochloromethane	23.0		"	50.0	0.00	46.0	10-179		1.89	41	
Dibromomethane	35.3		"	50.0	0.00	70.6	47-143		0.369	41	
Dichlorodifluoromethane	44.2		"	50.0	0.00	88.4	10-145		0.901	34	
Ethyl Benzene	28.7		"	50.0	0.00	57.4	11-158		10.8	42	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BF41462 - EPA 5035A

Matrix Spike Dup (BF41462-MSD1)	*Source sample: 24F1192-05 (SB-5 (0-6 in.))					Prepared: 06/21/2024 Analyzed: 06/22/2024					
Hexachlorobutadiene	9.57		ug/L	50.0	0.00	19.1	10-158		18.7	45	
Isopropylbenzene	27.2		"	50.0	0.00	54.4	10-162		11.5	57	
Methyl acetate	13.7		"	50.0	0.00	27.4	10-149		8.60	64	
Methyl tert-butyl ether (MTBE)	38.0		"	50.0	0.00	76.0	42-152		2.56	47	
Methylcyclohexane	22.2		"	50.0	0.00	44.4	70-130	Low Bias	22.2	30	
Methylene chloride	38.2		"	50.0	0.00	76.5	28-151		1.69	49	
n-Butylbenzene	16.7		"	50.0	0.00	33.4	10-162		5.16	96	
n-Propylbenzene	24.8		"	50.0	0.00	49.5	10-155		9.36	56	
o-Xylene	25.2		"	50.0	0.00	50.4	10-158		9.37	51	
p- & m- Xylenes	51.9		"	100	0.00	51.9	10-156		11.0	47	
p-Isopropyltoluene	17.9		"	50.0	0.00	35.8	10-147		1.61	60	
sec-Butylbenzene	22.0		"	50.0	0.00	43.9	10-157		5.19	56	
Styrene	21.8		"	50.0	0.00	43.6	13-171		6.43	39	
tert-Butyl alcohol (TBA)	211		"	250	0.00	84.4	34-179		3.76	35	
tert-Butylbenzene	22.9		"	50.0	0.00	45.7	10-160		7.49	79	
Tetrachloroethylene	14.8		"	50.0	0.00	29.7	30-167	Low Bias	15.9	33	
Toluene	34.5		"	50.0	0.00	69.0	21-160		6.43	50	
trans-1,2-Dichloroethylene	34.7		"	50.0	0.00	69.3	29-153		5.06	30	
trans-1,3-Dichloropropylene	24.7		"	50.0	0.00	49.5	18-155		4.54	30	
Trichloroethylene	30.7		"	50.0	0.00	61.5	24-169		6.12	30	
Trichlorofluoromethane	34.5		"	50.0	0.00	68.9	35-142		6.65	30	
Vinyl acetate	0.00		"	50.0	0.00		10-119	Low Bias		82	
Vinyl Chloride	47.0		"	50.0	0.00	94.1	12-160		2.19	35	
Surrogate: SURR: 1,2-Dichloroethane-d4	50.7		"	50.0		101	77-125				
Surrogate: SURR: Toluene-d8	52.0		"	50.0		104	85-120				
Surrogate: SURR: p-Bromofluorobenzene	54.4		"	50.0		109	76-130				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BF41575 - EPA 5035A

Blank (BF41575-BLK1)

Prepared & Analyzed: 06/24/2024

1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet
1,1,1-Trichloroethane	ND	0.0050	"
1,1,2,2-Tetrachloroethane	ND	0.0050	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"
1,1,2-Trichloroethane	ND	0.0050	"
1,1-Dichloroethane	ND	0.0050	"
1,1-Dichloroethylene	ND	0.0050	"
1,1-Dichloropropylene	ND	0.0050	"
1,2,3-Trichlorobenzene	ND	0.0050	"
1,2,3-Trichloropropane	ND	0.0050	"
1,2,4-Trichlorobenzene	ND	0.0050	"
1,2,4-Trimethylbenzene	ND	0.0050	"
1,2-Dibromo-3-chloropropane	ND	0.0050	"
1,2-Dibromoethane	ND	0.0050	"
1,2-Dichlorobenzene	ND	0.0050	"
1,2-Dichloroethane	ND	0.0050	"
1,2-Dichloropropane	ND	0.0050	"
1,3,5-Trimethylbenzene	ND	0.0050	"
1,3-Dichlorobenzene	ND	0.0050	"
1,3-Dichloropropane	ND	0.0050	"
1,4-Dichlorobenzene	ND	0.0050	"
1,4-Dioxane	ND	0.10	"
2,2-Dichloropropane	ND	0.0050	"
2-Butanone	ND	0.0050	"
2-Chlorotoluene	ND	0.0050	"
2-Hexanone	ND	0.0050	"
4-Chlorotoluene	ND	0.0050	"
4-Methyl-2-pentanone	ND	0.0050	"
Acetone	ND	0.010	"
Acrolein	ND	0.010	"
Acrylonitrile	ND	0.0050	"
Benzene	ND	0.0050	"
Bromobenzene	ND	0.0050	"
Bromochloromethane	ND	0.0050	"
Bromodichloromethane	ND	0.0050	"
Bromoform	ND	0.0050	"
Bromomethane	ND	0.0050	"
Carbon disulfide	ND	0.0050	"
Carbon tetrachloride	ND	0.0050	"
Chlorobenzene	ND	0.0050	"
Chloroethane	ND	0.0050	"
Chloroform	ND	0.0050	"
Chloromethane	ND	0.0050	"
cis-1,2-Dichloroethylene	ND	0.0050	"
cis-1,3-Dichloropropylene	ND	0.0050	"
Cyclohexane	ND	0.0050	"
Dibromochloromethane	ND	0.0050	"
Dibromomethane	ND	0.0050	"
Dichlorodifluoromethane	ND	0.0050	"
Ethyl Benzene	ND	0.0050	"



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BF41575 - EPA 5035A

Blank (BF41575-BLK1)

Prepared & Analyzed: 06/24/2024

Hexachlorobutadiene	ND	0.0050	mg/kg wet
Isopropylbenzene	ND	0.0050	"
Methyl acetate	ND	0.0050	"
Methyl tert-butyl ether (MTBE)	ND	0.0050	"
Methyleyclohexane	ND	0.0050	"
Methylene chloride	ND	0.010	"
n-Butylbenzene	ND	0.0050	"
n-Propylbenzene	ND	0.0050	"
o-Xylene	ND	0.0050	"
p- & m- Xylenes	ND	0.010	"
p-Isopropyltoluene	ND	0.0050	"
sec-Butylbenzene	ND	0.0050	"
Styrene	ND	0.0050	"
tert-Butyl alcohol (TBA)	ND	0.0050	"
tert-Butylbenzene	ND	0.0050	"
Tetrachloroethylene	ND	0.0050	"
Toluene	ND	0.0050	"
trans-1,2-Dichloroethylene	ND	0.0050	"
trans-1,3-Dichloropropylene	ND	0.0050	"
Trichloroethylene	ND	0.0050	"
Trichlorofluoromethane	ND	0.0050	"
Vinyl acetate	ND	0.0050	"
Vinyl Chloride	ND	0.0050	"
Xylenes, Total	ND	0.015	"

Surrogate: SURR: 1,2-Dichloroethane-d4	50.2	ug/L	50.0	100	77-125
Surrogate: SURR: Toluene-d8	52.2	"	50.0	104	85-120
Surrogate: SURR: p-Bromofluorobenzene	53.2	"	50.0	106	76-130



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BF41575 - EPA 5035A

Blank (BF41575-BLK2)

Prepared & Analyzed: 06/24/2024

1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet
1,1,1-Trichloroethane	ND	0.0050	"
1,1,2,2-Tetrachloroethane	ND	0.0050	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"
1,1,2-Trichloroethane	ND	0.0050	"
1,1-Dichloroethane	ND	0.0050	"
1,1-Dichloroethylene	ND	0.0050	"
1,1-Dichloropropylene	ND	0.0050	"
1,2,3-Trichlorobenzene	ND	0.0050	"
1,2,3-Trichloropropane	ND	0.0050	"
1,2,4-Trichlorobenzene	ND	0.0050	"
1,2,4-Trimethylbenzene	ND	0.0050	"
1,2-Dibromo-3-chloropropane	ND	0.0050	"
1,2-Dibromoethane	ND	0.0050	"
1,2-Dichlorobenzene	ND	0.0050	"
1,2-Dichloroethane	ND	0.0050	"
1,2-Dichloropropane	ND	0.0050	"
1,3,5-Trimethylbenzene	ND	0.0050	"
1,3-Dichlorobenzene	ND	0.0050	"
1,3-Dichloropropane	ND	0.0050	"
1,4-Dichlorobenzene	ND	0.0050	"
1,4-Dioxane	ND	0.10	"
2,2-Dichloropropane	ND	0.0050	"
2-Butanone	ND	0.0050	"
2-Chlorotoluene	ND	0.0050	"
2-Hexanone	ND	0.0050	"
4-Chlorotoluene	ND	0.0050	"
4-Methyl-2-pentanone	ND	0.0050	"
Acetone	ND	0.010	"
Acrolein	ND	0.010	"
Acrylonitrile	ND	0.0050	"
Benzene	ND	0.0050	"
Bromobenzene	ND	0.0050	"
Bromochloromethane	ND	0.0050	"
Bromodichloromethane	ND	0.0050	"
Bromoform	ND	0.0050	"
Bromomethane	ND	0.0050	"
Carbon disulfide	ND	0.0050	"
Carbon tetrachloride	ND	0.0050	"
Chlorobenzene	ND	0.0050	"
Chloroethane	ND	0.0050	"
Chloroform	ND	0.0050	"
Chloromethane	ND	0.0050	"
cis-1,2-Dichloroethylene	ND	0.0050	"
cis-1,3-Dichloropropylene	ND	0.0050	"
Cyclohexane	ND	0.0050	"
Dibromochloromethane	ND	0.0050	"
Dibromomethane	ND	0.0050	"
Dichlorodifluoromethane	ND	0.0050	"
Ethyl Benzene	ND	0.0050	"



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BF41575 - EPA 5035A

Blank (BF41575-BLK2)

Prepared & Analyzed: 06/24/2024

Hexachlorobutadiene	ND	0.0050	mg/kg wet
Isopropylbenzene	ND	0.0050	"
Methyl acetate	ND	0.0050	"
Methyl tert-butyl ether (MTBE)	ND	0.0050	"
Methylcyclohexane	ND	0.0050	"
Methylene chloride	ND	0.010	"
n-Butylbenzene	ND	0.0050	"
n-Propylbenzene	ND	0.0050	"
o-Xylene	ND	0.0050	"
p- & m- Xylenes	ND	0.010	"
p-Isopropyltoluene	ND	0.0050	"
sec-Butylbenzene	ND	0.0050	"
Styrene	ND	0.0050	"
tert-Butyl alcohol (TBA)	ND	0.0050	"
tert-Butylbenzene	ND	0.0050	"
Tetrachloroethylene	ND	0.0050	"
Toluene	ND	0.0050	"
trans-1,2-Dichloroethylene	ND	0.0050	"
trans-1,3-Dichloropropylene	ND	0.0050	"
Trichloroethylene	ND	0.0050	"
Trichlorofluoromethane	ND	0.0050	"
Vinyl acetate	ND	0.0050	"
Vinyl Chloride	ND	0.0050	"
Xylenes, Total	ND	0.015	"

Surrogate: SURR: 1,2-Dichloroethane-d4	51.1	ug/L	50.0	102	77-125
Surrogate: SURR: Toluene-d8	52.2	"	50.0	104	85-120
Surrogate: SURR: p-Bromofluorobenzene	51.0	"	50.0	102	76-130



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BF41575 - EPA 5035A

LCS (BF41575-BS1)

Prepared & Analyzed: 06/24/2024

1,1,1,2-Tetrachloroethane	45.7		ug/L	50.0		91.4	75-129				
1,1,1-Trichloroethane	44.2		"	50.0		88.3	71-137				
1,1,2,2-Tetrachloroethane	59.6		"	50.0		119	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	49.2		"	50.0		98.4	58-146				
1,1,2-Trichloroethane	50.9		"	50.0		102	83-123				
1,1-Dichloroethane	52.3		"	50.0		105	75-130				
1,1-Dichloroethylene	54.2		"	50.0		108	64-137				
1,1-Dichloropropylene	47.4		"	50.0		94.8	77-127				
1,2,3-Trichlorobenzene	42.8		"	50.0		85.7	81-140				
1,2,3-Trichloropropane	52.9		"	50.0		106	81-126				
1,2,4-Trichlorobenzene	44.9		"	50.0		89.8	80-141				
1,2,4-Trimethylbenzene	58.6		"	50.0		117	84-125				
1,2-Dibromo-3-chloropropane	49.2		"	50.0		98.4	74-142				
1,2-Dibromoethane	51.0		"	50.0		102	86-123				
1,2-Dichlorobenzene	51.2		"	50.0		102	85-122				
1,2-Dichloroethane	51.6		"	50.0		103	71-133				
1,2-Dichloropropane	58.5		"	50.0		117	81-122				
1,3,5-Trimethylbenzene	58.2		"	50.0		116	82-126				
1,3-Dichlorobenzene	51.8		"	50.0		104	84-124				
1,3-Dichloropropane	55.6		"	50.0		111	83-123				
1,4-Dichlorobenzene	51.5		"	50.0		103	84-124				
1,4-Dioxane	1040		"	1050		99.4	10-228				
2,2-Dichloropropane	54.3		"	50.0		109	67-136				
2-Butanone	50.7		"	50.0		101	58-147				
2-Chlorotoluene	57.6		"	50.0		115	78-127				
2-Hexanone	63.8		"	50.0		128	70-139				
4-Chlorotoluene	58.3		"	50.0		117	79-125				
4-Methyl-2-pentanone	61.0		"	50.0		122	72-132				
Acetone	44.3		"	50.0		88.6	36-155				
Acrolein	72.8		"	50.0		146	10-238				
Acrylonitrile	52.3		"	50.0		105	66-141				
Benzene	48.5		"	50.0		97.0	77-127				
Bromobenzene	57.3		"	50.0		115	77-129				
Bromochloromethane	55.0		"	50.0		110	74-129				
Bromodichloromethane	47.3		"	50.0		94.6	81-124				
Bromoform	45.3		"	50.0		90.6	80-136				
Bromomethane	37.0		"	50.0		74.0	32-177				
Carbon disulfide	50.8		"	50.0		102	10-136				
Carbon tetrachloride	42.9		"	50.0		85.9	66-143				
Chlorobenzene	53.2		"	50.0		106	86-120				
Chloroethane	50.3		"	50.0		101	51-142				
Chloroform	48.4		"	50.0		96.8	76-131				
Chloromethane	59.8		"	50.0		120	49-132				
cis-1,2-Dichloroethylene	49.2		"	50.0		98.4	74-132				
cis-1,3-Dichloropropylene	51.8		"	50.0		104	81-129				
Cyclohexane	50.4		"	50.0		101	70-130				
Dibromochloromethane	41.3		"	50.0		82.6	10-200				
Dibromomethane	49.2		"	50.0		98.3	83-124				
Dichlorodifluoromethane	61.5		"	50.0		123	28-158				
Ethyl Benzene	56.7		"	50.0		113	84-125				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BF41575 - EPA 5035A

LCS (BF41575-BS1)

Prepared & Analyzed: 06/24/2024

Hexachlorobutadiene	44.5		ug/L	50.0		89.0	83-133				
Isopropylbenzene	58.8		"	50.0		118	81-127				
Methyl acetate	48.1		"	50.0		96.3	41-143				
Methyl tert-butyl ether (MTBE)	48.2		"	50.0		96.4	74-131				
Methyleyclohexane	49.6		"	50.0		99.1	70-130				
Methylene chloride	49.1		"	50.0		98.2	57-141				
n-Butylbenzene	54.0		"	50.0		108	80-130				
n-Propylbenzene	59.9		"	50.0		120	74-136				
o-Xylene	51.5		"	50.0		103	83-123				
p- & m- Xylenes	104		"	100		104	82-128				
p-Isopropyltoluene	50.9		"	50.0		102	85-125				
sec-Butylbenzene	58.0		"	50.0		116	83-125				
Styrene	51.3		"	50.0		103	86-126				
tert-Butyl alcohol (TBA)	263		"	250		105	70-130				
tert-Butylbenzene	55.8		"	50.0		112	80-127				
Tetrachloroethylene	28.9		"	50.0		57.8	80-129	Low Bias			
Toluene	56.5		"	50.0		113	85-121				
trans-1,2-Dichloroethylene	49.2		"	50.0		98.5	72-132				
trans-1,3-Dichloropropylene	51.6		"	50.0		103	78-132				
Trichloroethylene	48.0		"	50.0		96.0	84-123				
Trichlorofluoromethane	48.4		"	50.0		96.9	62-140				
Vinyl acetate	77.3		"	50.0		155	67-136	High Bias			
Vinyl Chloride	57.8		"	50.0		116	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	50.6		"	50.0		101	77-125				
Surrogate: SURR: Toluene-d8	51.9		"	50.0		104	85-120				
Surrogate: SURR: p-Bromofluorobenzene	53.0		"	50.0		106	76-130				

LCS (BF41575-BS2)

Prepared & Analyzed: 06/24/2024

1,1,1,2-Tetrachloroethane	45.2		ug/L	50.0		90.5	75-129				
1,1,1-Trichloroethane	42.1		"	50.0		84.3	71-137				
1,1,2,2-Tetrachloroethane	53.3		"	50.0		107	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	41.4		"	50.0		82.7	58-146				
1,1,2-Trichloroethane	45.7		"	50.0		91.4	83-123				
1,1-Dichloroethane	46.3		"	50.0		92.6	75-130				
1,1-Dichloroethylene	50.1		"	50.0		100	64-137				
1,1-Dichloropropylene	44.2		"	50.0		88.3	77-127				
1,2,3-Trichlorobenzene	46.8		"	50.0		93.6	81-140				
1,2,3-Trichloropropane	44.6		"	50.0		89.3	81-126				
1,2,4-Trichlorobenzene	51.6		"	50.0		103	80-141				
1,2,4-Trimethylbenzene	50.8		"	50.0		102	84-125				
1,2-Dibromo-3-chloropropane	51.3		"	50.0		103	74-142				
1,2-Dibromoethane	46.1		"	50.0		92.2	86-123				
1,2-Dichlorobenzene	46.8		"	50.0		93.6	85-122				
1,2-Dichloroethane	45.7		"	50.0		91.4	71-133				
1,2-Dichloropropane	53.0		"	50.0		106	81-122				
1,3,5-Trimethylbenzene	49.5		"	50.0		99.0	82-126				
1,3-Dichlorobenzene	46.4		"	50.0		92.7	84-124				
1,3-Dichloropropane	49.3		"	50.0		98.6	83-123				
1,4-Dichlorobenzene	46.6		"	50.0		93.3	84-124				
1,4-Dioxane	952		"	1050		90.7	10-228				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Flag	RPD	RPD	
		Limit		Level	Result	Limits	Limit			Flag	
Batch BF41575 - EPA 5035A											
LCS (BF41575-BS2)			Prepared & Analyzed: 06/24/2024								
2,2-Dichloropropane	53.3		ug/L	50.0		107	67-136				
2-Butanone	42.5		"	50.0		85.1	58-147				
2-Chlorotoluene	48.5		"	50.0		97.1	78-127				
2-Hexanone	56.7		"	50.0		113	70-139				
4-Chlorotoluene	50.6		"	50.0		101	79-125				
4-Methyl-2-pentanone	55.6		"	50.0		111	72-132				
Acetone	40.0		"	50.0		80.1	36-155				
Acrolein	74.1		"	50.0		148	10-238				
Acrylonitrile	46.5		"	50.0		93.0	66-141				
Benzene	45.6		"	50.0		91.2	77-127				
Bromobenzene	49.4		"	50.0		98.8	77-129				
Bromochloromethane	49.0		"	50.0		97.9	74-129				
Bromodichloromethane	48.5		"	50.0		96.9	81-124				
Bromoform	44.0		"	50.0		87.9	80-136				
Bromomethane	46.9		"	50.0		93.9	32-177				
Carbon disulfide	46.3		"	50.0		92.7	10-136				
Carbon tetrachloride	41.2		"	50.0		82.5	66-143				
Chlorobenzene	47.1		"	50.0		94.3	86-120				
Chloroethane	51.2		"	50.0		102	51-142				
Chloroform	42.3		"	50.0		84.6	76-131				
Chloromethane	46.1		"	50.0		92.1	49-132				
cis-1,2-Dichloroethylene	48.4		"	50.0		96.8	74-132				
cis-1,3-Dichloropropylene	53.7		"	50.0		107	81-129				
Cyclohexane	46.2		"	50.0		92.3	70-130				
Dibromochloromethane	43.4		"	50.0		86.9	10-200				
Dibromomethane	47.0		"	50.0		93.9	83-124				
Dichlorodifluoromethane	54.4		"	50.0		109	28-158				
Ethyl Benzene	50.7		"	50.0		101	84-125				
Hexachlorobutadiene	48.2		"	50.0		96.3	83-133				
Isopropylbenzene	48.3		"	50.0		96.6	81-127				
Methyl acetate	36.8		"	50.0		73.6	41-143				
Methyl tert-butyl ether (MTBE)	42.3		"	50.0		84.6	74-131				
Methylcyclohexane	48.2		"	50.0		96.3	70-130				
Methylene chloride	45.7		"	50.0		91.4	57-141				
n-Butylbenzene	54.7		"	50.0		109	80-130				
n-Propylbenzene	50.0		"	50.0		100	74-136				
o-Xylene	49.8		"	50.0		99.7	83-123				
p- & m- Xylenes	99.0		"	100		99.0	82-128				
p-Isopropyltoluene	50.4		"	50.0		101	85-125				
sec-Butylbenzene	49.8		"	50.0		99.6	83-125				
Styrene	49.7		"	50.0		99.4	86-126				
tert-Butyl alcohol (TBA)	219		"	250		87.8	70-130				
tert-Butylbenzene	46.1		"	50.0		92.3	80-127				
Tetrachloroethylene	25.5		"	50.0		50.9	80-129	Low Bias			
Toluene	50.8		"	50.0		102	85-121				
trans-1,2-Dichloroethylene	46.3		"	50.0		92.7	72-132				
trans-1,3-Dichloropropylene	54.8		"	50.0		110	78-132				
Trichloroethylene	44.8		"	50.0		89.6	84-123				
Trichlorofluoromethane	38.9		"	50.0		77.8	62-140				
Vinyl acetate	28.7		"	50.0		57.5	67-136	Low Bias			
Vinyl Chloride	47.5		"	50.0		94.9	52-130				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF41575 - EPA 5035A											
LCS (BF41575-BS2)						Prepared & Analyzed: 06/24/2024					
Surrogate: SURR: 1,2-Dichloroethane-d4	49.8		ug/L	50.0		99.6	77-125				
Surrogate: SURR: Toluene-d8	52.6		"	50.0		105	85-120				
Surrogate: SURR: p-Bromofluorobenzene	50.0		"	50.0		100	76-130				
LCS Dup (BF41575-BSD1)						Prepared & Analyzed: 06/24/2024					
1,1,1,2-Tetrachloroethane	46.8		ug/L	50.0		93.7	75-129		2.49	30	
1,1,1-Trichloroethane	44.3		"	50.0		88.6	71-137		0.339	30	
1,1,2,2-Tetrachloroethane	59.9		"	50.0		120	79-129		0.385	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	49.9		"	50.0		99.8	58-146		1.49	30	
1,1,2-Trichloroethane	50.8		"	50.0		102	83-123		0.236	30	
1,1-Dichloroethane	52.2		"	50.0		104	75-130		0.172	30	
1,1-Dichloroethylene	53.6		"	50.0		107	64-137		1.11	30	
1,1-Dichloropropylene	47.5		"	50.0		95.1	77-127		0.337	30	
1,2,3-Trichlorobenzene	42.9		"	50.0		85.8	81-140		0.163	30	
1,2,3-Trichloropropane	52.8		"	50.0		106	81-126		0.0568	30	
1,2,4-Trichlorobenzene	44.8		"	50.0		89.6	80-141		0.268	30	
1,2,4-Trimethylbenzene	58.4		"	50.0		117	84-125		0.342	30	
1,2-Dibromo-3-chloropropane	50.9		"	50.0		102	74-142		3.36	30	
1,2-Dibromoethane	50.8		"	50.0		102	86-123		0.314	30	
1,2-Dichlorobenzene	51.8		"	50.0		104	85-122		1.17	30	
1,2-Dichloroethane	51.5		"	50.0		103	71-133		0.116	30	
1,2-Dichloropropane	59.8		"	50.0		120	81-122		2.10	30	
1,3,5-Trimethylbenzene	58.1		"	50.0		116	82-126		0.0860	30	
1,3-Dichlorobenzene	52.7		"	50.0		105	84-124		1.84	30	
1,3-Dichloropropane	55.5		"	50.0		111	83-123		0.0540	30	
1,4-Dichlorobenzene	52.1		"	50.0		104	84-124		1.16	30	
1,4-Dioxane	1040		"	1050		99.1	10-228		0.309	30	
2,2-Dichloropropane	54.0		"	50.0		108	67-136		0.554	30	
2-Butanone	53.2		"	50.0		106	58-147		4.79	30	
2-Chlorotoluene	58.3		"	50.0		117	78-127		1.17	30	
2-Hexanone	64.1		"	50.0		128	70-139		0.469	30	
4-Chlorotoluene	59.3		"	50.0		119	79-125		1.65	30	
4-Methyl-2-pentanone	62.7		"	50.0		125	72-132		2.68	30	
Acetone	44.8		"	50.0		89.7	36-155		1.28	30	
Acrolein	72.0		"	50.0		144	10-238		1.15	30	
Acrylonitrile	50.2		"	50.0		100	66-141		3.92	30	
Benzene	48.4		"	50.0		96.7	77-127		0.289	30	
Bromobenzene	57.9		"	50.0		116	77-129		0.955	30	
Bromochloromethane	54.6		"	50.0		109	74-129		0.748	30	
Bromodichloromethane	47.1		"	50.0		94.2	81-124		0.381	30	
Bromoform	46.6		"	50.0		93.1	80-136		2.70	30	
Bromomethane	37.8		"	50.0		75.6	32-177		2.06	30	
Carbon disulfide	51.0		"	50.0		102	10-136		0.353	30	
Carbon tetrachloride	43.0		"	50.0		86.1	66-143		0.256	30	
Chlorobenzene	53.5		"	50.0		107	86-120		0.563	30	
Chloroethane	50.9		"	50.0		102	51-142		1.19	30	
Chloroform	47.9		"	50.0		95.8	76-131		1.12	30	
Chloromethane	59.6		"	50.0		119	49-132		0.335	30	
cis-1,2-Dichloroethylene	48.5		"	50.0		96.9	74-132		1.47	30	
cis-1,3-Dichloropropylene	51.5		"	50.0		103	81-129		0.484	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BF41575 - EPA 5035A

LCS Dup (BF41575-BS01)

Prepared & Analyzed: 06/24/2024

Cyclohexane	50.2		ug/L	50.0		100	70-130		0.338	30
Dibromochloromethane	42.3		"	50.0		84.5	10-200		2.37	30
Dibromomethane	50.1		"	50.0		100	83-124		1.91	30
Dichlorodifluoromethane	61.0		"	50.0		122	28-158		0.882	30
Ethyl Benzene	57.2		"	50.0		114	84-125		0.860	30
Hexachlorobutadiene	44.9		"	50.0		89.7	83-133		0.783	30
Isopropylbenzene	59.0		"	50.0		118	81-127		0.272	30
Methyl acetate	48.8		"	50.0		97.6	41-143		1.40	30
Methyl tert-butyl ether (MTBE)	48.5		"	50.0		97.0	74-131		0.703	30
Methyleyclohexane	49.4		"	50.0		98.8	70-130		0.323	30
Methylene chloride	48.8		"	50.0		97.6	57-141		0.633	30
n-Butylbenzene	53.8		"	50.0		108	80-130		0.390	30
n-Propylbenzene	59.9		"	50.0		120	74-136		0.0668	30
o-Xylene	52.1		"	50.0		104	83-123		1.10	30
p- & m- Xylenes	105		"	100		105	82-128		0.306	30
p-Isopropyltoluene	51.4		"	50.0		103	85-125		1.06	30
sec-Butylbenzene	58.6		"	50.0		117	83-125		0.926	30
Styrene	52.0		"	50.0		104	86-126		1.36	30
tert-Butyl alcohol (TBA)	271		"	250		108	70-130		2.85	30
tert-Butylbenzene	55.7		"	50.0		111	80-127		0.162	30
Tetrachloroethylene	29.1		"	50.0		58.1	80-129	Low Bias	0.552	30
Toluene	57.3		"	50.0		115	85-121		1.39	30
trans-1,2-Dichloroethylene	48.9		"	50.0		97.7	72-132		0.775	30
trans-1,3-Dichloropropylene	52.5		"	50.0		105	78-132		1.75	30
Trichloroethylene	47.8		"	50.0		95.6	84-123		0.459	30
Trichlorofluoromethane	47.2		"	50.0		94.4	62-140		2.55	30
Vinyl acetate	77.5		"	50.0		155	67-136	High Bias	0.207	30
Vinyl Chloride	57.4		"	50.0		115	52-130		0.642	30
Surrogate: SURR: 1,2-Dichloroethane-d4	49.4		"	50.0		98.8	77-125			
Surrogate: SURR: Toluene-d8	51.7		"	50.0		103	85-120			
Surrogate: SURR: p-Bromofluorobenzene	51.8		"	50.0		104	76-130			



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF41575 - EPA 5035A											
LCS Dup (BF41575-BSD2)						Prepared & Analyzed: 06/24/2024					
1,1,1,2-Tetrachloroethane	48.1		ug/L	50.0		96.2	75-129		6.13	30	
1,1,1-Trichloroethane	44.2		"	50.0		88.4	71-137		4.77	30	
1,1,2,2-Tetrachloroethane	55.2		"	50.0		110	79-129		3.45	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	43.8		"	50.0		87.5	58-146		5.64	30	
1,1,2-Trichloroethane	49.3		"	50.0		98.7	83-123		7.64	30	
1,1-Dichloroethane	48.7		"	50.0		97.5	75-130		5.11	30	
1,1-Dichloroethylene	53.0		"	50.0		106	64-137		5.78	30	
1,1-Dichloropropylene	47.4		"	50.0		94.7	77-127		6.99	30	
1,2,3-Trichlorobenzene	49.0		"	50.0		98.0	81-140		4.59	30	
1,2,3-Trichloropropane	46.3		"	50.0		92.6	81-126		3.69	30	
1,2,4-Trichlorobenzene	53.1		"	50.0		106	80-141		2.94	30	
1,2,4-Trimethylbenzene	53.3		"	50.0		107	84-125		4.75	30	
1,2-Dibromo-3-chloropropane	51.6		"	50.0		103	74-142		0.700	30	
1,2-Dibromoethane	48.7		"	50.0		97.4	86-123		5.46	30	
1,2-Dichlorobenzene	48.9		"	50.0		97.8	85-122		4.33	30	
1,2-Dichloroethane	48.8		"	50.0		97.5	71-133		6.46	30	
1,2-Dichloropropane	57.0		"	50.0		114	81-122		7.36	30	
1,3,5-Trimethylbenzene	51.2		"	50.0		102	82-126		3.38	30	
1,3-Dichlorobenzene	48.8		"	50.0		97.5	84-124		5.02	30	
1,3-Dichloropropane	52.2		"	50.0		104	83-123		5.79	30	
1,4-Dichlorobenzene	48.5		"	50.0		97.1	84-124		4.01	30	
1,4-Dioxane	1010		"	1050		96.0	10-228		5.70	30	
2,2-Dichloropropane	56.8		"	50.0		114	67-136		6.41	30	
2-Butanone	48.4		"	50.0		96.8	58-147		12.9	30	
2-Chlorotoluene	51.1		"	50.0		102	78-127		5.18	30	
2-Hexanone	58.6		"	50.0		117	70-139		3.30	30	
4-Chlorotoluene	53.3		"	50.0		107	79-125		5.17	30	
4-Methyl-2-pentanone	58.0		"	50.0		116	72-132		4.19	30	
Acetone	41.4		"	50.0		82.8	36-155		3.39	30	
Acrolein	76.6		"	50.0		153	10-238		3.23	30	
Acrylonitrile	51.4		"	50.0		103	66-141		9.93	30	
Benzene	47.8		"	50.0		95.6	77-127		4.63	30	
Bromobenzene	51.8		"	50.0		104	77-129		4.78	30	
Bromochloromethane	52.6		"	50.0		105	74-129		7.13	30	
Bromodichloromethane	51.2		"	50.0		102	81-124		5.60	30	
Bromoform	46.2		"	50.0		92.5	80-136		5.08	30	
Bromomethane	47.9		"	50.0		95.8	32-177		2.00	30	
Carbon disulfide	49.4		"	50.0		98.7	10-136		6.33	30	
Carbon tetrachloride	43.6		"	50.0		87.2	66-143		5.61	30	
Chlorobenzene	49.8		"	50.0		99.7	86-120		5.57	30	
Chloroethane	54.7		"	50.0		109	51-142		6.57	30	
Chloroform	45.5		"	50.0		91.0	76-131		7.36	30	
Chloromethane	48.8		"	50.0		97.6	49-132		5.80	30	
cis-1,2-Dichloroethylene	51.4		"	50.0		103	74-132		5.95	30	
cis-1,3-Dichloropropylene	57.3		"	50.0		115	81-129		6.47	30	
Cyclohexane	49.0		"	50.0		98.0	70-130		5.91	30	
Dibromochloromethane	46.5		"	50.0		92.9	10-200		6.74	30	
Dibromomethane	49.3		"	50.0		98.6	83-124		4.86	30	
Dichlorodifluoromethane	57.7		"	50.0		115	28-158		5.96	30	
Ethyl Benzene	53.6		"	50.0		107	84-125		5.58	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BF41575 - EPA 5035A

LCS Dup (BF41575-BSD2)

Prepared & Analyzed: 06/24/2024

Hexachlorobutadiene	50.4		ug/L	50.0		101	83-133		4.63	30	
Isopropylbenzene	50.5		"	50.0		101	81-127		4.35	30	
Methyl acetate	38.8		"	50.0		77.5	41-143		5.24	30	
Methyl tert-butyl ether (MTBE)	44.9		"	50.0		89.9	74-131		6.03	30	
Methylcyclohexane	50.9		"	50.0		102	70-130		5.45	30	
Methylene chloride	48.7		"	50.0		97.4	57-141		6.29	30	
n-Butylbenzene	56.9		"	50.0		114	80-130		3.82	30	
n-Propylbenzene	52.3		"	50.0		105	74-136		4.49	30	
o-Xylene	52.4		"	50.0		105	83-123		5.03	30	
p- & m- Xylenes	105		"	100		105	82-128		5.54	30	
p-Isopropyltoluene	52.4		"	50.0		105	85-125		3.84	30	
sec-Butylbenzene	51.4		"	50.0		103	83-125		3.08	30	
Styrene	52.7		"	50.0		105	86-126		5.84	30	
tert-Butyl alcohol (TBA)	233		"	250		93.1	70-130		5.84	30	
tert-Butylbenzene	48.0		"	50.0		96.0	80-127		3.97	30	
Tetrachloroethylene	26.4		"	50.0		52.8	80-129	Low Bias	3.66	30	
Toluene	53.8		"	50.0		108	85-121		5.75	30	
trans-1,2-Dichloroethylene	49.7		"	50.0		99.4	72-132		6.98	30	
trans-1,3-Dichloropropylene	59.7		"	50.0		119	78-132		8.47	30	
Trichloroethylene	47.4		"	50.0		94.7	84-123		5.56	30	
Trichlorofluoromethane	40.9		"	50.0		81.9	62-140		5.09	30	
Vinyl acetate	31.3		"	50.0		62.6	67-136	Low Bias	8.56	30	
Vinyl Chloride	51.6		"	50.0		103	52-130		8.41	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	50.1		"	50.0		100	77-125				
Surrogate: SURR: Toluene-d8	53.1		"	50.0		106	85-120				
Surrogate: SURR: p-Bromofluorobenzene	49.6		"	50.0		99.2	76-130				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Flag	RPD	RPD	
		Limit								Limit	Flag

Batch BF41239 - EPA 3550C

Blank (BF41239-BLK1)

Prepared: 06/19/2024 Analyzed: 06/21/2024

1,1-Biphenyl	ND	0.0416	mg/kg wet
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"
1,2,4-Trichlorobenzene	ND	0.0416	"
1,2-Dichlorobenzene	ND	0.0416	"
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"
1,3-Dichlorobenzene	ND	0.0416	"
1,4-Dichlorobenzene	ND	0.0416	"
2,3,4,6-Tetrachlorophenol	ND	0.0830	"
2,4,5-Trichlorophenol	ND	0.0416	"
2,4,6-Trichlorophenol	ND	0.0416	"
2,4-Dichlorophenol	ND	0.0416	"
2,4-Dimethylphenol	ND	0.0416	"
2,4-Dinitrophenol	ND	0.0830	"
2,4-Dinitrotoluene	ND	0.0416	"
2,6-Dinitrotoluene	ND	0.0416	"
2-Chloronaphthalene	ND	0.0416	"
2-Chlorophenol	ND	0.0416	"
2-Methylnaphthalene	ND	0.0416	"
2-Methylphenol	ND	0.0416	"
2-Nitroaniline	ND	0.0830	"
2-Nitrophenol	ND	0.0416	"
3- & 4-Methylphenols	ND	0.0416	"
3,3-Dichlorobenzidine	ND	0.0416	"
3-Nitroaniline	ND	0.0830	"
4,6-Dinitro-2-methylphenol	ND	0.0830	"
4-Bromophenyl phenyl ether	ND	0.0416	"
4-Chloro-3-methylphenol	ND	0.0416	"
4-Chloroaniline	ND	0.0416	"
4-Chlorophenyl phenyl ether	ND	0.0416	"
4-Nitroaniline	ND	0.0830	"
4-Nitrophenol	ND	0.0830	"
Acenaphthene	ND	0.0416	"
Acenaphthylene	ND	0.0416	"
Acetophenone	ND	0.0416	"
Aniline	ND	0.166	"
Anthracene	ND	0.0416	"
Atrazine	ND	0.0416	"
Benzaldehyde	ND	0.0416	"
Benzidine	ND	0.166	"
Benzo(a)anthracene	ND	0.0416	"
Benzo(a)pyrene	ND	0.0416	"
Benzo(b)fluoranthene	ND	0.0416	"
Benzo(g,h,i)perylene	ND	0.0416	"
Benzo(k)fluoranthene	ND	0.0416	"
Benzoic acid	ND	0.0416	"
Benzyl alcohol	ND	0.0416	"
Benzyl butyl phthalate	ND	0.0416	"
Bis(2-chloroethoxy)methane	ND	0.0416	"
Bis(2-chloroethyl)ether	ND	0.0416	"
Bis(2-chloroisopropyl)ether	ND	0.0416	"
Bis(2-ethylhexyl)phthalate	ND	0.0416	"



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BF41239 - EPA 3550C

Blank (BF41239-BLK1)

Prepared: 06/19/2024 Analyzed: 06/21/2024

Caprolactam	ND	0.0830	mg/kg wet
Carbazole	ND	0.0416	"
Chrysene	ND	0.0416	"
Dibenzo(a,h)anthracene	ND	0.0416	"
Dibenzofuran	ND	0.0416	"
Diethyl phthalate	ND	0.0416	"
Dimethyl phthalate	ND	0.0416	"
Di-n-butyl phthalate	ND	0.0416	"
Di-n-octyl phthalate	ND	0.0416	"
Fluoranthene	ND	0.0416	"
Fluorene	ND	0.0416	"
Hexachlorobenzene	ND	0.0416	"
Hexachlorobutadiene	ND	0.0416	"
Hexachlorocyclopentadiene	ND	0.0416	"
Hexachloroethane	ND	0.0416	"
Indeno(1,2,3-cd)pyrene	ND	0.0416	"
Isophorone	ND	0.0416	"
Naphthalene	ND	0.0416	"
Nitrobenzene	ND	0.0416	"
N-Nitrosodimethylamine	ND	0.0416	"
N-nitroso-di-n-propylamine	ND	0.0416	"
N-Nitrosodiphenylamine	ND	0.0416	"
Pentachlorophenol	ND	0.0416	"
Phenanthrene	ND	0.0416	"
Phenol	ND	0.0416	"
Pyrene	ND	0.0416	"
Pyridine	ND	0.166	"

Surrogate: SURR: 2-Fluorophenol	1.61	"	1.66	96.7	20-108
Surrogate: SURR: Phenol-d6	1.53	"	1.66	92.0	23-114
Surrogate: SURR: Nitrobenzene-d5	0.740	"	0.831	89.1	22-108
Surrogate: SURR: 2-Fluorobiphenyl	0.777	"	0.831	93.6	21-113
Surrogate: SURR: 2,4,6-Tribromophenol	1.69	"	1.66	102	19-110
Surrogate: SURR: Terphenyl-d14	0.835	"	0.831	101	24-116



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Flag	RPD	RPD	
		Limit		Level	Result	Limits	Limit			Flag	
Batch BF41239 - EPA 3550C											
LCS (BF41239-BS1)				Prepared: 06/19/2024 Analyzed: 06/21/2024							
1,1-Biphenyl	0.926	0.0416	mg/kg wet	0.831		111	18-111				
1,2,4,5-Tetrachlorobenzene	0.642	0.0830	"	0.831		77.2	21-131				
1,2,4-Trichlorobenzene	0.721	0.0416	"	0.831		86.8	10-140				
1,2-Dichlorobenzene	0.647	0.0416	"	0.831		77.9	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.611	0.0416	"	0.831		73.6	17-137				
1,3-Dichlorobenzene	0.639	0.0416	"	0.831		76.9	33-110				
1,4-Dichlorobenzene	0.641	0.0416	"	0.831		77.1	32-104				
2,3,4,6-Tetrachlorophenol	0.658	0.0830	"	0.831		79.3	30-130				
2,4,5-Trichlorophenol	0.766	0.0416	"	0.831		92.2	27-118				
2,4,6-Trichlorophenol	0.748	0.0416	"	0.831		90.0	31-120				
2,4-Dichlorophenol	0.792	0.0416	"	0.831		95.3	20-127				
2,4-Dimethylphenol	0.536	0.0416	"	0.831		64.6	14-132				
2,4-Dinitrophenol	0.539	0.0830	"	0.831		64.9	10-171				
2,4-Dinitrotoluene	0.723	0.0416	"	0.831		87.0	34-131				
2,6-Dinitrotoluene	0.752	0.0416	"	0.831		90.5	31-128				
2-Chloronaphthalene	0.664	0.0416	"	0.831		80.0	31-117				
2-Chlorophenol	0.682	0.0416	"	0.831		82.2	33-113				
2-Methylnaphthalene	0.764	0.0416	"	0.831		92.0	12-138				
2-Methylphenol	0.671	0.0416	"	0.831		80.8	10-136				
2-Nitroaniline	0.730	0.0830	"	0.831		87.9	27-132				
2-Nitrophenol	0.741	0.0416	"	0.831		89.2	17-129				
3- & 4-Methylphenols	0.602	0.0416	"	0.831		72.4	29-103				
3,3-Dichlorobenzidine	1.06	0.0416	"	0.831		127	22-149				
3-Nitroaniline	0.672	0.0830	"	0.831		80.9	20-133				
4,6-Dinitro-2-methylphenol	0.690	0.0830	"	0.831		83.1	10-143				
4-Bromophenyl phenyl ether	0.723	0.0416	"	0.831		87.0	29-120				
4-Chloro-3-methylphenol	0.733	0.0416	"	0.831		88.3	24-129				
4-Chloroaniline	0.630	0.0416	"	0.831		75.8	10-132				
4-Chlorophenyl phenyl ether	0.694	0.0416	"	0.831		83.6	27-124				
4-Nitroaniline	0.639	0.0830	"	0.831		77.0	16-128				
4-Nitrophenol	0.538	0.0830	"	0.831		64.8	10-141				
Acenaphthene	0.677	0.0416	"	0.831		81.5	30-121				
Acenaphthylene	0.607	0.0416	"	0.831		73.0	30-115				
Acetophenone	0.787	0.0416	"	0.831		94.7	20-112				
Aniline	0.552	0.166	"	0.831		66.5	10-119				
Anthracene	0.697	0.0416	"	0.831		83.9	34-118				
Atrazine	0.915	0.0416	"	0.831		110	26-112				
Benzaldehyde	0.798	0.0416	"	0.831		96.1	21-100				
Benzo(a)anthracene	0.749	0.0416	"	0.831		90.2	32-122				
Benzo(a)pyrene	0.668	0.0416	"	0.831		80.5	29-133				
Benzo(b)fluoranthene	0.700	0.0416	"	0.831		84.2	25-133				
Benzo(g,h,i)perylene	0.617	0.0416	"	0.831		74.3	10-143				
Benzo(k)fluoranthene	0.708	0.0416	"	0.831		85.2	25-128				
Benzoic acid	0.284	0.0416	"	0.831		34.2	10-140				
Benzyl alcohol	0.684	0.0416	"	0.831		82.3	30-115				
Benzyl butyl phthalate	0.683	0.0416	"	0.831		82.3	26-126				
Bis(2-chloroethoxy)methane	0.679	0.0416	"	0.831		81.8	19-132				
Bis(2-chloroethyl)ether	0.623	0.0416	"	0.831		75.0	19-125				
Bis(2-chloroisopropyl)ether	0.572	0.0416	"	0.831		68.9	20-135				
Bis(2-ethylhexyl)phthalate	0.680	0.0416	"	0.831		81.8	10-155				
Caprolactam	0.981	0.0830	"	0.831		118	10-127				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BF41239 - EPA 3550C

LCS (BF41239-BS1)

Prepared: 06/19/2024 Analyzed: 06/21/2024

Carbazole	0.720	0.0416	mg/kg wet	0.831		86.6	35-123				
Chrysene	0.701	0.0416	"	0.831		84.4	32-123				
Dibenzo(a,h)anthracene	0.637	0.0416	"	0.831		76.7	10-136				
Dibenzofuran	0.704	0.0416	"	0.831		84.8	29-121				
Diethyl phthalate	0.646	0.0416	"	0.831		77.8	34-116				
Dimethyl phthalate	0.644	0.0416	"	0.831		77.5	35-124				
Di-n-butyl phthalate	0.678	0.0416	"	0.831		81.7	31-116				
Di-n-octyl phthalate	0.698	0.0416	"	0.831		84.1	26-136				
Fluoranthene	0.717	0.0416	"	0.831		86.3	33-122				
Fluorene	0.698	0.0416	"	0.831		84.1	29-123				
Hexachlorobenzene	0.600	0.0416	"	0.831		72.2	21-124				
Hexachlorobutadiene	0.687	0.0416	"	0.831		82.8	10-149				
Hexachlorocyclopentadiene	0.208	0.0416	"	0.831		25.0	10-129				
Hexachloroethane	0.574	0.0416	"	0.831		69.1	28-108				
Indeno(1,2,3-cd)pyrene	0.659	0.0416	"	0.831		79.4	10-135				
Isophorone	0.674	0.0416	"	0.831		81.2	20-132				
Naphthalene	0.682	0.0416	"	0.831		82.1	23-124				
Nitrobenzene	0.620	0.0416	"	0.831		74.7	13-132				
N-Nitrosodimethylamine	0.559	0.0416	"	0.831		67.3	11-129				
N-nitroso-di-n-propylamine	0.617	0.0416	"	0.831		74.3	24-119				
N-Nitrosodiphenylamine	0.822	0.0416	"	0.831		99.0	22-152				
Pentachlorophenol	0.640	0.0416	"	0.831		77.0	10-139				
Phenanthrene	0.699	0.0416	"	0.831		84.2	33-123				
Phenol	0.745	0.0416	"	0.831		89.7	23-115				
Pyrene	0.720	0.0416	"	0.831		86.7	24-130				
Pyridine	0.323	0.166	"	0.831		38.9	10-91				
Surrogate: SURR: 2-Fluorophenol	1.62		"	1.66		97.8	20-108				
Surrogate: SURR: Phenol-d6	1.58		"	1.66		94.9	23-114				
Surrogate: SURR: Nitrobenzene-d5	0.774		"	0.831		93.2	22-108				
Surrogate: SURR: 2-Fluorobiphenyl	0.816		"	0.831		98.2	21-113				
Surrogate: SURR: 2,4,6-Tribromophenol	1.80		"	1.66		108	19-110				
Surrogate: SURR: Terphenyl-d14	0.889		"	0.831		107	24-116				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF41239 - EPA 3550C											
Matrix Spike (BF41239-MS1)		*Source sample: 24F1192-05 (SB-5 (0-6 in.))						Prepared: 06/19/2024 Analyzed: 06/21/2024			
1,1-Biphenyl	0.728	0.0927	mg/kg dry	0.926	ND	78.6	10-130				
1,2,4,5-Tetrachlorobenzene	0.504	0.185	"	0.926	ND	54.4	10-133				
1,2,4-Trichlorobenzene	0.565	0.0927	"	0.926	ND	61.0	10-127				
1,2-Dichlorobenzene	0.493	0.0927	"	0.926	ND	53.2	14-111				
1,2-Diphenylhydrazine (as Azobenzene)	0.472	0.0927	"	0.926	ND	51.0	10-144				
1,3-Dichlorobenzene	0.471	0.0927	"	0.926	ND	50.9	11-111				
1,4-Dichlorobenzene	0.485	0.0927	"	0.926	ND	52.4	10-106				
2,3,4,6-Tetrachlorophenol	0.551	0.185	"	0.926	ND	59.5	30-130				
2,4,5-Trichlorophenol	0.602	0.0927	"	0.926	ND	65.0	10-127				
2,4,6-Trichlorophenol	0.599	0.0927	"	0.926	ND	64.6	10-132				
2,4-Dichlorophenol	0.638	0.0927	"	0.926	ND	68.9	10-128				
2,4-Dimethylphenol	0.427	0.0927	"	0.926	ND	46.1	10-137				
2,4-Dinitrophenol	ND	0.185	"	0.926	ND		10-171	Low Bias			
2,4-Dinitrotoluene	0.515	0.0927	"	0.926	ND	55.6	16-135				
2,6-Dinitrotoluene	0.552	0.0927	"	0.926	ND	59.6	18-131				
2-Chloronaphthalene	0.539	0.0927	"	0.926	ND	58.2	10-129				
2-Chlorophenol	0.532	0.0927	"	0.926	ND	57.4	15-116				
2-Methylnaphthalene	0.605	0.0927	"	0.926	ND	65.4	10-147				
2-Methylphenol	0.543	0.0927	"	0.926	ND	58.6	10-136				
2-Nitroaniline	0.568	0.185	"	0.926	ND	61.3	10-137				
2-Nitrophenol	0.559	0.0927	"	0.926	ND	60.4	10-129				
3- & 4-Methylphenols	0.490	0.0927	"	0.926	ND	52.9	10-123				
3,3-Dichlorobenzidine	0.383	0.0927	"	0.926	ND	41.4	10-155				
3-Nitroaniline	0.391	0.185	"	0.926	ND	42.2	12-133				
4,6-Dinitro-2-methylphenol	0.140	0.185	"	0.926	ND	15.1	10-155				
4-Bromophenyl phenyl ether	0.573	0.0927	"	0.926	ND	61.8	14-128				
4-Chloro-3-methylphenol	0.598	0.0927	"	0.926	ND	64.6	10-134				
4-Chloroaniline	0.414	0.0927	"	0.926	ND	44.7	10-145				
4-Chlorophenyl phenyl ether	0.545	0.0927	"	0.926	ND	58.8	14-130				
4-Nitroaniline	0.396	0.185	"	0.926	ND	42.7	10-147				
4-Nitrophenol	0.413	0.185	"	0.926	ND	44.6	10-137				
Acenaphthene	0.571	0.0927	"	0.926	ND	61.6	10-146				
Acenaphthylene	0.501	0.0927	"	0.926	ND	54.1	10-134				
Acetophenone	0.600	0.0927	"	0.926	ND	64.8	10-116				
Aniline	0.310	0.371	"	0.926	ND	33.4	10-123				
Anthracene	0.682	0.0927	"	0.926	0.100	62.8	10-142				
Atrazine	0.709	0.0927	"	0.926	ND	76.6	19-115				
Benzaldehyde	0.623	0.0927	"	0.926	ND	67.3	10-125				
Benzo(a)anthracene	1.19	0.0927	"	0.926	0.531	71.6	10-158				
Benzo(a)pyrene	1.05	0.0927	"	0.926	0.505	59.0	10-180				
Benzo(b)fluoranthene	1.15	0.0927	"	0.926	0.500	70.4	10-200				
Benzo(g,h,i)perylene	0.898	0.0927	"	0.926	0.365	57.5	10-138				
Benzo(k)fluoranthene	1.00	0.0927	"	0.926	0.442	60.8	10-197				
Benzoic acid	0.102	0.0927	"	0.926	ND	11.0	10-166				
Benzyl alcohol	0.508	0.0927	"	0.926	ND	54.8	12-124				
Benzyl butyl phthalate	0.593	0.0927	"	0.926	0.0773	55.7	10-154				
Bis(2-chloroethoxy)methane	0.511	0.0927	"	0.926	ND	55.2	10-132				
Bis(2-chloroethyl)ether	0.542	0.0927	"	0.926	ND	58.6	10-119				
Bis(2-chloroisopropyl)ether	0.449	0.0927	"	0.926	ND	48.5	10-139				
Bis(2-ethylhexyl)phthalate	0.654	0.0927	"	0.926	0.0751	62.5	10-167				
Caprolactam	0.723	0.185	"	0.926	ND	78.1	10-132				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BF41239 - EPA 3550C

Matrix Spike (BF41239-MS1)		*Source sample: 24F1192-05 (SB-5 (0-6 in.))					Prepared: 06/19/2024 Analyzed: 06/21/2024				
Carbazole	0.627	0.0927	mg/kg dry	0.926	ND	67.7	10-167				
Chrysene	1.20	0.0927	"	0.926	0.598	64.9	10-156				
Dibenzo(a,h)anthracene	0.640	0.0927	"	0.926	0.123	55.8	10-137				
Dibenzofuran	0.579	0.0927	"	0.926	ND	62.6	10-147				
Diethyl phthalate	0.500	0.0927	"	0.926	ND	54.0	20-120				
Dimethyl phthalate	0.488	0.0927	"	0.926	ND	52.6	18-131				
Di-n-butyl phthalate	0.537	0.0927	"	0.926	ND	58.0	10-137				
Di-n-octyl phthalate	0.576	0.0927	"	0.926	0.0567	56.0	10-180				
Fluoranthene	1.84	0.0927	"	0.926	1.10	79.1	10-160				
Fluorene	0.593	0.0927	"	0.926	ND	64.1	10-157				
Hexachlorobenzene	0.485	0.0927	"	0.926	ND	52.4	10-137				
Hexachlorobutadiene	0.553	0.0927	"	0.926	ND	59.7	10-132				
Hexachlorocyclopentadiene	ND	0.0927	"	0.926	ND		10-106	Low Bias			
Hexachloroethane	0.442	0.0927	"	0.926	ND	47.7	10-110				
Indeno(1,2,3-cd)pyrene	0.876	0.0927	"	0.926	0.320	60.0	10-144				
Isophorone	0.522	0.0927	"	0.926	ND	56.4	10-132				
Naphthalene	0.550	0.0927	"	0.926	ND	59.4	10-141				
Nitrobenzene	0.478	0.0927	"	0.926	ND	51.6	10-131				
N-Nitrosodimethylamine	0.413	0.0927	"	0.926	ND	44.6	10-126				
N-nitroso-di-n-propylamine	0.479	0.0927	"	0.926	ND	51.8	10-125				
N-Nitrosodiphenylamine	0.659	0.0927	"	0.926	ND	71.1	10-177				
Pentachlorophenol	0.461	0.0927	"	0.926	ND	49.8	10-153				
Phenanthrene	1.13	0.0927	"	0.926	0.445	73.7	10-148				
Phenol	0.572	0.0927	"	0.926	ND	61.8	10-126				
Pyrene	1.79	0.0927	"	0.926	1.03	82.3	10-165				
Pyridine	0.250	0.371	"	0.926	ND	27.0	10-83				
Surrogate: SURR: 2-Fluorophenol	1.25		"	1.85		67.4	20-108				
Surrogate: SURR: Phenol-d6	1.25		"	1.85		67.3	23-114				
Surrogate: SURR: Nitrobenzene-d5	0.607		"	0.926		65.5	22-108				
Surrogate: SURR: 2-Fluorobiphenyl	0.637		"	0.926		68.8	21-113				
Surrogate: SURR: 2,4,6-Tribromophenol	1.38		"	1.85		74.4	19-110				
Surrogate: SURR: Terphenyl-d14	0.761		"	0.926		82.2	24-116				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF41239 - EPA 3550C											
Matrix Spike Dup (BF41239-MSD1)		*Source sample: 24F1192-05 (SB-5 (0-6 in.))					Prepared: 06/19/2024 Analyzed: 06/21/2024				
1,1-Biphenyl	0.699	0.0924	mg/kg dry	0.923	ND	75.7	10-130		4.07	30	
1,2,4,5-Tetrachlorobenzene	0.477	0.185	"	0.923	ND	51.7	10-133		5.46	30	
1,2,4-Trichlorobenzene	0.538	0.0924	"	0.923	ND	58.3	10-127		4.76	30	
1,2-Dichlorobenzene	0.472	0.0924	"	0.923	ND	51.1	14-111		4.32	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.450	0.0924	"	0.923	ND	48.7	10-144		4.83	30	
1,3-Dichlorobenzene	0.463	0.0924	"	0.923	ND	50.2	11-111		1.76	30	
1,4-Dichlorobenzene	0.466	0.0924	"	0.923	ND	50.5	10-106		4.06	30	
2,3,4,6-Tetrachlorophenol	0.546	0.185	"	0.923	ND	59.1	30-130		1.01	30	
2,4,5-Trichlorophenol	0.607	0.0924	"	0.923	ND	65.8	10-127		0.892	30	
2,4,6-Trichlorophenol	0.567	0.0924	"	0.923	ND	61.4	10-132		5.41	30	
2,4-Dichlorophenol	0.624	0.0924	"	0.923	ND	67.6	10-128		2.21	30	
2,4-Dimethylphenol	0.405	0.0924	"	0.923	ND	43.9	10-137		5.13	30	
2,4-Dinitrophenol	ND	0.185	"	0.923	ND		10-171	Low Bias		30	
2,4-Dinitrotoluene	0.447	0.0924	"	0.923	ND	48.4	16-135		14.2	30	
2,6-Dinitrotoluene	0.492	0.0924	"	0.923	ND	53.3	18-131		11.5	30	
2-Chloronaphthalene	0.508	0.0924	"	0.923	ND	55.0	10-129		5.98	30	
2-Chlorophenol	0.521	0.0924	"	0.923	ND	56.5	15-116		2.02	30	
2-Methylnaphthalene	0.589	0.0924	"	0.923	ND	63.8	10-147		2.68	30	
2-Methylphenol	0.527	0.0924	"	0.923	ND	57.1	10-136		2.96	30	
2-Nitroaniline	0.593	0.185	"	0.923	ND	64.2	10-137		4.38	30	
2-Nitrophenol	0.497	0.0924	"	0.923	ND	53.8	10-129		11.8	30	
3- & 4-Methylphenols	0.480	0.0924	"	0.923	ND	52.0	10-123		2.01	30	
3,3-Dichlorobenzidine	0.431	0.0924	"	0.923	ND	46.7	10-155		11.8	30	
3-Nitroaniline	0.450	0.185	"	0.923	ND	48.8	12-133		14.1	30	
4,6-Dinitro-2-methylphenol	ND	0.185	"	0.923	ND		10-155	Low Bias		30	
4-Bromophenyl phenyl ether	0.549	0.0924	"	0.923	ND	59.4	14-128		4.29	30	
4-Chloro-3-methylphenol	0.596	0.0924	"	0.923	ND	64.6	10-134		0.332	30	
4-Chloroaniline	0.411	0.0924	"	0.923	ND	44.5	10-145		0.870	30	
4-Chlorophenyl phenyl ether	0.531	0.0924	"	0.923	ND	57.5	14-130		2.53	30	
4-Nitroaniline	0.461	0.185	"	0.923	ND	49.9	10-147		15.2	30	
4-Nitrophenol	0.402	0.185	"	0.923	ND	43.5	10-137		2.69	30	
Acenaphthene	0.555	0.0924	"	0.923	ND	60.2	10-146		2.70	30	
Acenaphthylene	0.487	0.0924	"	0.923	ND	52.7	10-134		2.88	30	
Acetophenone	0.584	0.0924	"	0.923	ND	63.3	10-116		2.71	30	
Aniline	0.297	0.370	"	0.923	ND	32.2	10-123		4.23	30	
Anthracene	0.617	0.0924	"	0.923	0.100	56.0	10-142		10.0	30	
Atrazine	0.697	0.0924	"	0.923	ND	75.5	19-115		1.70	30	
Benzaldehyde	0.580	0.0924	"	0.923	ND	62.8	10-125		7.22	30	
Benzo(a)anthracene	1.09	0.0924	"	0.923	0.531	60.7	10-158		9.01	30	
Benzo(a)pyrene	0.930	0.0924	"	0.923	0.505	46.1	10-180		12.2	30	
Benzo(b)fluoranthene	1.04	0.0924	"	0.923	0.500	58.9	10-200		9.84	30	
Benzo(g,h,i)perylene	0.787	0.0924	"	0.923	0.365	45.7	10-138		13.1	30	
Benzo(k)fluoranthene	0.915	0.0924	"	0.923	0.442	51.3	10-197		9.35	30	
Benzoic acid	0.102	0.0924	"	0.923	ND	11.0	10-166		0.396	30	
Benzyl alcohol	0.479	0.0924	"	0.923	ND	51.9	12-124		5.73	30	
Benzyl butyl phthalate	0.656	0.0924	"	0.923	0.0773	62.7	10-154		10.1	30	
Bis(2-chloroethoxy)methane	0.501	0.0924	"	0.923	ND	54.3	10-132		1.94	30	
Bis(2-chloroethyl)ether	0.529	0.0924	"	0.923	ND	57.4	10-119		2.40	30	
Bis(2-chloroisopropyl)ether	0.439	0.0924	"	0.923	ND	47.6	10-139		2.16	30	
Bis(2-ethylhexyl)phthalate	0.639	0.0924	"	0.923	0.0751	61.1	10-167		2.39	30	
Caprolactam	0.715	0.185	"	0.923	ND	77.4	10-132		1.15	30	



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BF41239 - EPA 3550C

Matrix Spike Dup (BF41239-MSD1)	*Source sample: 24F1192-05 (SB-5 (0-6 in.))						Prepared: 06/19/2024 Analyzed: 06/21/2024				
Carbazole	0.593	0.0924	mg/kg dry	0.923	ND	64.2	10-167		5.55	30	
Chrysene	1.13	0.0924	"	0.923	0.598	57.9	10-156		5.72	30	
Dibenzo(a,h)anthracene	0.589	0.0924	"	0.923	0.123	50.5	10-137		8.27	30	
Dibenzofuran	0.559	0.0924	"	0.923	ND	60.6	10-147		3.58	30	
Diethyl phthalate	0.487	0.0924	"	0.923	ND	52.7	20-120		2.73	30	
Dimethyl phthalate	0.473	0.0924	"	0.923	ND	51.2	18-131		3.11	30	
Di-n-butyl phthalate	0.537	0.0924	"	0.923	ND	58.2	10-137		0.0562	30	
Di-n-octyl phthalate	0.651	0.0924	"	0.923	0.0567	64.3	10-180		12.2	30	
Fluoranthene	1.56	0.0924	"	0.923	1.10	49.4	10-160		16.3	30	
Fluorene	0.566	0.0924	"	0.923	ND	61.3	10-157		4.80	30	
Hexachlorobenzene	0.459	0.0924	"	0.923	ND	49.8	10-137		5.50	30	
Hexachlorobutadiene	0.540	0.0924	"	0.923	ND	58.5	10-132		2.36	30	
Hexachlorocyclopentadiene	ND	0.0924	"	0.923	ND		10-106	Low Bias		30	
Hexachloroethane	0.371	0.0924	"	0.923	ND	40.2	10-110		17.5	30	
Indeno(1,2,3-cd)pyrene	0.779	0.0924	"	0.923	0.320	49.7	10-144		11.7	30	
Isophorone	0.509	0.0924	"	0.923	ND	55.1	10-132		2.63	30	
Naphthalene	0.529	0.0924	"	0.923	ND	57.4	10-141		3.76	30	
Nitrobenzene	0.451	0.0924	"	0.923	ND	48.9	10-131		5.75	30	
N-Nitrosodimethylamine	0.383	0.0924	"	0.923	ND	41.4	10-126		7.59	30	
N-nitroso-di-n-propylamine	0.467	0.0924	"	0.923	ND	50.6	10-125		2.52	30	
N-Nitrosodiphenylamine	0.644	0.0924	"	0.923	ND	69.8	10-177		2.26	30	
Pentachlorophenol	0.424	0.0924	"	0.923	ND	45.9	10-153		8.36	30	
Phenanthrene	0.977	0.0924	"	0.923	0.445	57.6	10-148		14.3	30	
Phenol	0.556	0.0924	"	0.923	ND	60.2	10-126		2.82	30	
Pyrene	1.67	0.0924	"	0.923	1.03	69.8	10-165		6.79	30	
Pyridine	0.229	0.370	"	0.923	ND	24.8	10-83		8.68	30	
Surrogate: SURR: 2-Fluorophenol	1.19		"	1.85		64.2	20-108				
Surrogate: SURR: Phenol-d6	1.21		"	1.85		65.3	23-114				
Surrogate: SURR: Nitrobenzene-d5	0.571		"	0.923		61.8	22-108				
Surrogate: SURR: 2-Fluorobiphenyl	0.603		"	0.923		65.3	21-113				
Surrogate: SURR: 2,4,6-Tribromophenol	1.31		"	1.85		70.9	19-110				
Surrogate: SURR: Terphenyl-d14	0.784		"	0.923		84.9	24-116				



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

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BF41364 - EPA 3050B

Blank (BF41364-BLK1)

Prepared: 06/20/2024 Analyzed: 06/21/2024

Aluminum	ND	4.17	mg/kg wet
Antimony	ND	2.08	"
Arsenic	ND	1.25	"
Barium	ND	2.08	"
Beryllium	0.055	0.042	"
Cadmium	ND	0.250	"
Calcium	ND	4.17	"
Chromium	ND	0.417	"
Cobalt	ND	0.333	"
Copper	ND	1.67	"
Iron	ND	20.8	"
Lead	ND	0.417	"
Magnesium	ND	4.17	"
Manganese	ND	0.417	"
Nickel	ND	0.830	"
Potassium	ND	4.17	"
Selenium	ND	2.08	"
Silver	ND	0.420	"
Sodium	ND	41.7	"
Thallium	ND	2.08	"
Vanadium	ND	0.830	"
Zinc	ND	2.08	"

Duplicate (BF41364-DUP1)

*Source sample: 24F1192-05 (SB-5 (0-6 in.))

Prepared: 06/20/2024 Analyzed: 06/21/2024

Aluminum	7520	4.65	mg/kg dry	8000	6.17	35	
Antimony	ND	2.32	"	ND		35	
Arsenic	6.12	1.39	"	7.23	16.6	35	
Barium	46.5	2.32	"	55.2	17.1	35	
Beryllium	ND	0.047	"	ND		35	
Cadmium	0.326	0.279	"	0.415	24.0	35	
Calcium	33800	4.65	"	55200	48.1	35	Non-dir.
Chromium	14.7	0.465	"	20.9	35.1	35	Non-dir.
Cobalt	3.65	0.371	"	3.89	6.44	35	
Copper	43.5	1.86	"	35.8	19.4	35	
Iron	10500	23.2	"	10700	1.46	35	
Lead	58.8	0.465	"	57.1	3.05	35	
Magnesium	7300	4.65	"	17200	80.6	35	Non-dir.
Manganese	156	0.465	"	182	15.4	35	
Nickel	8.63	0.926	"	10.2	17.2	35	
Potassium	1090	4.65	"	1240	12.6	35	
Selenium	ND	2.32	"	ND		35	
Silver	ND	0.468	"	ND		35	
Sodium	176	46.5	"	182	3.45	35	
Thallium	ND	2.32	"	ND		35	
Vanadium	19.5	0.926	"	19.8	1.99	35	
Zinc	58.8	2.31	"	59.8	1.70	35	



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

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BF41364 - EPA 3050B

Matrix Spike (BF41364-MS1)		*Source sample: 24F1192-05 (SB-5 (0-6 in.))					Prepared: 06/20/2024 Analyzed: 06/21/2024				
Aluminum	8360	4.65	mg/kg dry	186	8000	196	75-125	High Bias			
Antimony	7.41	2.32	"	23.2	ND	31.9	75-125	Low Bias			
Arsenic	213	1.39	"	186	7.23	111	75-125				
Barium	250	2.32	"	186	55.2	105	75-125				
Beryllium	4.37	0.047	"	4.65	ND	94.1	75-125				
Cadmium	4.94	0.279	"	4.65	0.415	97.4	75-125				
Calcium	35900	4.65	"	92.9	55200	NR	75-125	Low Bias			
Chromium	36.0	0.465	"	18.6	20.9	81.1	75-125				
Cobalt	49.0	0.371	"	46.5	3.89	97.0	75-125				
Copper	56.6	1.86	"	23.2	35.8	89.6	75-125				
Iron	10100	23.2	"	92.9	10700	NR	75-125	Low Bias			
Lead	109	0.465	"	46.5	57.1	111	75-125				
Magnesium	6220	4.65	"	92.9	17200	NR	75-125	Low Bias			
Manganese	232	0.465	"	46.5	182	109	75-125				
Nickel	54.8	0.926	"	46.5	10.2	95.9	75-125				
Potassium	1400	4.65	"	92.9	1240	182	75-125	High Bias			
Selenium	207	2.32	"	186	ND	111	75-125				
Silver	2.10	0.468	"	4.65	ND	45.1	75-125	Low Bias			
Sodium	295	46.5	"	92.9	182	121	75-125				
Thallium	168	2.32	"	186	ND	90.2	75-125				
Vanadium	68.5	0.926	"	46.5	19.8	105	75-125				
Zinc	103	2.31	"	46.5	59.8	92.9	75-125				

Post Spike (BF41364-PS1)		*Source sample: 24F1192-05 (SB-5 (0-6 in.))					Prepared: 06/20/2024 Analyzed: 06/21/2024				
Aluminum	89.3		ug/mL	2.00	86.1	160	75-125	High Bias			
Antimony	0.276		"	0.250	0.019	103	75-125				
Arsenic	2.21		"	2.00	0.078	107	75-125				
Barium	2.56		"	2.00	0.594	98.5	75-125				
Beryllium	0.046		"	0.0500	-0.003	92.0	75-125				
Cadmium	0.049		"	0.0500	0.004	89.3	75-125				
Calcium	605		"	1.00	594	NR	75-125	High Bias			
Chromium	0.414		"	0.200	0.225	94.3	75-125				
Cobalt	0.500		"	0.500	0.042	91.7	75-125				
Copper	0.659		"	0.250	0.385	110	75-125				
Iron	116		"	1.00	115	119	75-125				
Lead	1.05		"	0.500	0.614	87.4	75-125				
Magnesium	187		"	1.00	185	293	75-125	High Bias			
Manganese	2.42		"	0.500	1.95	93.5	75-125				
Nickel	0.562		"	0.500	0.110	90.4	75-125				
Potassium	14.4		"	1.00	13.3	112	75-125				
Selenium	2.16		"	2.00	-0.016	108	75-125				
Silver	0.034		"	0.0500	-0.023	68.6	75-125	Low Bias			
Sodium	3.13		"	1.00	1.96	117	75-125				
Thallium	1.67		"	2.00	-0.011	83.6	75-125				
Vanadium	0.708		"	0.500	0.214	98.8	75-125				
Zinc	1.05		"	0.500	0.643	81.5	75-125				



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

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	
									Limit	Flag
Batch BF41364 - EPA 3050B										
Reference (BF41364-SRM1)						Prepared: 06/20/2024 Analyzed: 06/21/2024				
Aluminum	6360	4.17	mg/kg wet	7680		82.8	46.7-129.9	Low Bias		
Antimony	55.8	2.08	"	257		21.7	1-100			
Arsenic	260	1.25	"	360		72.2	70.6-102.2			
Barium	293	2.08	"	332		88.2	75-108.1			
Beryllium	128	0.042	"	183		70.1	76.5-108.2			
Cadmium	184	0.250	"	238		77.3	73.5-105	Low Bias		
Calcium	4410	4.17	"	5490		80.2	77.2-110.9			
Chromium	151	0.417	"	199		75.9	73.4-107			
Cobalt	69.8	0.333	"	88.7		78.7	76.6-107.6			
Copper	190	1.67	"	227		83.6	74.9-105.7			
Iron	5420	20.8	"	7360		73.7	51.1-125.8	Low Bias		
Lead	75.6	0.417	"	100		75.6	75.9-110			
Magnesium	1490	4.17	"	1900		78.5	67.4-111.1			
Manganese	446	0.417	"	591		75.4	72.6-107.1			
Nickel	263	0.830	"	342		77.0	75.4-107.6			
Potassium	1220	4.17	"	1500		81.5	66.1-116.7	Low Bias		
Selenium	136	2.08	"	170		80.2	78.2-115.9			
Silver	65.5	0.420	"	88.6		74.0	73.9-112			
Sodium	500	41.7	"	527		95.0	68.5-115.9			
Thallium	171	2.08	"	226		75.7	73.5-108.4			
Vanadium	85.7	0.830	"	118		72.6	68.1-106.8	Low Bias		
Zinc	143	2.08	"	183		78.1	72.7-109.3			



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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF41289 - EPA 7473 soil											
Blank (BF41289-BLK1)								Prepared: 06/19/2024 Analyzed: 06/20/2024			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BF41289-DUP1)								Prepared: 06/19/2024 Analyzed: 06/20/2024			
	*Source sample: 24F1192-05 (SB-5 (0-6 in.))										
Mercury	0.0579	0.0335	mg/kg dry		0.0571				1.36	35	
Matrix Spike (BF41289-MS1)								Prepared: 06/19/2024 Analyzed: 06/20/2024			
	*Source sample: 24F1192-05 (SB-5 (0-6 in.))										
Mercury	0.676		mg/kg	0.500	0.0512	125	75-125				
Reference (BF41289-SRM1)								Prepared: 06/19/2024 Analyzed: 06/20/2024			
Mercury	20.204		mg/kg	18.2		111	59.9-140.1				



Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC Limits	Flag	RPD Limit	Flag

Batch BF41219 - % Solids Prep

Duplicate (BF41219-DUP1)		*Source sample: 24F1192-05 (SB-5 (0-6 in.))					Prepared & Analyzed: 06/19/2024				
% Solids	91.5	0.100	%		89.7			2.06	20		



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24F1192-01	SB-1 (0-6 in.)	40mL Vial with Stir Bar-Cool 4° C
24F1192-02	SB-2 (0-6 in.)	40mL Vial with Stir Bar-Cool 4° C
24F1192-03	SB-3 (0-6 in.)	40mL Vial with Stir Bar-Cool 4° C
24F1192-04	SB-4 (0-6 in.)	40mL Vial with Stir Bar-Cool 4° C
24F1192-05	SB-5 (0-6 in.)	40mL Vial with Stir Bar-Cool 4° C
24F1192-06	SB-6 (0-6 in.)	40mL Vial with Stir Bar-Cool 4° C
24F1192-07	SB-7 (0-6 in.)	40mL Vial with Stir Bar-Cool 4° C
24F1192-08	SB-8 (0-6 in.)	40mL Vial with Stir Bar-Cool 4° C
24F1192-09	SB-9 (0-6 in.)	40mL Vial with Stir Bar-Cool 4° C
24F1192-10	SB-10 (0-6 in.)	8 oz. WM Clear Glass Cool to 4° C
24F1192-11	TB-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Sample and Data Qualifiers Relating to This Work Order

VOA-CONT	Non-Compliant - the container(s) provided by the client for soil volatiles do not meet the requirements of EPA SW846-5035A. Results reported below 200 ug/kg may be biased low due to samples not being collected according to EPA SW846 5035A requirements.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
M-CCV1	The recovery for this element in the Continuing Calibration Verification (CCV) was outside the 90-110% recovery criteria.
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.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	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).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

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



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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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



YORK
ANALYTICAL LABORATORIES INC.

Field Chain-of-Custody Record

York Analytical Laboratories, Inc. (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.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 clientservices@yorklab.com www.yorklab.com 800-306-YORK

YOUR Information		Report To:		Invoice To:		YOUR Project Number		Turn-Around Time	
Company:	DERMOOL	Company:	PETER	Company:	PETER			RUSH - Next Day	
Address:	CONSULTING	Address:	DERMOOL	Address:	DERMOOL			RUSH - Two Day	
Phone:		Phone:		Phone:				RUSH - Three Day	
Contact:		Contact:		Contact:				RUSH - Four Day	
E-mail:		E-mail:		E-mail:				RUSH - Five Day	
						YOUR PO#:		Standard (6-9 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.

Peter Dermody
Peter

Samples Collected by: (print AND sign your name)

Sample Identification	Sample Matrix	Matrix Codes	Samples From	Report / EDD Type (circle selections)	Analyses Requested	Container Type	No.
SB-1 (0-6")	S	S - soil / solid	New York	☒ Summary Report	VOCs 5035	7026kss,	
SB-2 (0-6")		GW - groundwater	New Jersey	☐ QA Report	SVOCs, TAL metals	4 VOC	
SB-3 (0-6")		DW - drinking water	Connecticut	☐ CMDP			
SB-4 (0-6")		WW - wastewater	Pennsylvania	☐ Standard Excel EDD			
SB-5 (0-6")		O - Oil	Other:	☐ NJ DEP Reduced Deliverables			
SB-5 MS (0-6")				☐ NJ ASP B Package			
SB-5 MSD (0-6")							
SB-6 (0-6")							
SB-7 (0-6")							
SB-8 (0-6")							

Comments:

Preservation: (check all that apply)

HCl ☒ MeOH ☐ HNO3 ☐ H2SO4 ☐ NaOH ☐

ZnAc ☐ Ascorbic Acid ☐ Other: ☐

Special Instruction

Field Filtered ☐

Lab to Filter ☐

1. Samples Relinquished by / Company	Date/Time	1. Samples Relinquished by / Company	Date/Time
<i>Peter</i>	1130A	<i>Peter Dermody</i>	6/18/24 1:30 PM
2. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
		<i>K. Baskin</i>	6/18/24 17:10
4. Samples Relinquished by / Company	Date/Time	4. Samples Received in LAB by	Date/Time
		<i>LAB</i>	6/18/24 17:10
		Temperature	7.9 Degrees C



Technical Report

prepared for:

Dermody Consulting, Inc.

32 Chichester Ave., 2nd Floor

Center Moriches NY, 11934

Attention: Peter Dermody

Report Date: 06/20/2024

Client Project ID: Elka

York Project (SDG) No.: 24F0825

Stratford, CT Laboratory IDs:
NY:10854, NJ: CT005, PA: 68-0440, CT: PH-0723



Richmond Hill, NY Laboratory IDs:
NY:12058, NJ: NY037, CT: PH-0721, NH: 2097,
EPA: NY01600

120 RESEARCH DRIVE
www.YORKLAB.com

STRATFORD, CT 06615
(203) 325-1371



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

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 06/20/2024
Client Project ID: Elka
York Project (SDG) No.: 24F0825

Dermody Consulting, Inc.
32 Chichester Ave., 2nd Floor
Center Moriches NY, 11934
Attention: Peter Dermody

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on June 12, 2024 and listed below. The project was identified as your project: **Elka**.

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>
24F0825-01	GP-12 S	Ground Water	06/11/2024	06/12/2024
24F0825-02	GP-12 D	Ground Water	06/11/2024	06/12/2024
24F0825-03	GP-14 S	Ground Water	06/11/2024	06/12/2024
24F0825-04	GP-14 D	Ground Water	06/11/2024	06/12/2024
24F0825-05	GP-10 S	Ground Water	06/11/2024	06/12/2024
24F0825-06	GP-10 D	Ground Water	06/11/2024	06/12/2024
24F0825-07	GP-15 S	Ground Water	06/11/2024	06/12/2024
24F0825-08	GP-16 S	Ground Water	06/11/2024	06/12/2024
24F0825-09	GP-16 D	Ground Water	06/11/2024	06/12/2024
24F0825-10	TB-1	Ground Water	06/11/2024	06/12/2024
24F0825-11	GP-7 S	Ground Water	06/11/2024	06/12/2024
24F0825-12	GP-8 S	Ground Water	06/11/2024	06/12/2024
24F0825-14	EB-1	Ground Water	06/11/2024	06/12/2024
24F0825-15	GW-3 S	Ground Water	06/11/2024	06/12/2024

General Notes for York Project (SDG) No.: 24F0825

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, NJ Cert No. CT005, PA Cert No. 68-04440, CT Cert No. PH-0723; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058, NJ Cert No. NY037, CT Cert No. PH-0721, NH Cert No. 2097, EPA Cert No. NY01600.

Approved By:



Cassie L. Mosher
Laboratory Manager

Date: 06/20/2024





Sample Information

Client Sample ID: GP-12 S

York Sample ID: 24F0825-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0825

Elka

Ground Water

June 11, 2024 3:00 pm

06/12/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 06:00	06/14/2024 20:39	AC
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 06:00	06/14/2024 20:39	AC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 06:00	06/14/2024 20:39	AC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 06:00	06/14/2024 20:39	AC
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 06:00	06/14/2024 20:39	AC
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 06:00	06/14/2024 20:39	AC
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 06:00	06/14/2024 20:39	AC
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/14/2024 06:00	06/14/2024 20:39	AC
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/14/2024 06:00	06/14/2024 20:39	AC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/14/2024 06:00	06/14/2024 20:39	AC
95-63-6	1,2,4-Trimethylbenzene	404		ug/L	1.55	2.50	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 06:00	06/18/2024 15:10	AC
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 06:00	06/14/2024 20:39	AC
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 06:00	06/14/2024 20:39	AC
95-50-1	1,2-Dichlorobenzene	0.490	J	ug/L	0.270	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 06:00	06/14/2024 20:39	AC
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 06:00	06/14/2024 20:39	AC
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 06:00	06/14/2024 20:39	AC
108-67-8	1,3,5-Trimethylbenzene	1.57		ug/L	0.347	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 06:00	06/14/2024 20:39	AC
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 06:00	06/14/2024 20:39	AC
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/14/2024 06:00	06/14/2024 20:39	AC
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 06:00	06/14/2024 20:39	AC
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/14/2024 06:00	06/14/2024 20:39	AC
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 06:00	06/14/2024 20:39	AC



Sample Information

Client Sample ID: GP-12 S

York Sample ID: 24F0825-01

York Project (SDG) No.

24F0825

Client Project ID

Elka

Matrix

Ground Water

Collection Date/Time

June 11, 2024 3:00 pm

Date Received

06/12/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 20:39	AC
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 20:39	AC
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 20:39	AC
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 20:39	AC
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 20:39	AC
71-43-2	Benzene	3.97		ug/L	0.279	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 20:39	AC
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/14/2024 20:39	AC
75-27-4	Bromodichloromethane	ND	QL-02	ug/L	0.245	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 20:39	AC
75-25-2	Bromoform	ND	QL-02, CCVE	ug/L	0.163	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 20:39	AC
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 20:39	AC
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 20:39	AC
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 20:39	AC
108-90-7	Chlorobenzene	0.470	J	ug/L	0.284	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 20:39	AC
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 20:39	AC
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 20:39	AC
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 20:39	AC
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 20:39	AC
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 20:39	AC
110-82-7	Cyclohexane	63.2	QL-02	ug/L	0.491	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/14/2024 20:39	AC
124-48-1	Dibromochloromethane	ND	QL-02	ug/L	0.146	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 20:39	AC
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/14/2024 20:39	AC
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/14/2024 20:39	AC
100-41-4	Ethyl Benzene	137		ug/L	0.290	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 20:39	AC



Sample Information

Client Sample ID: GP-12 S

York Sample ID: 24F0825-01

York Project (SDG) No.

24F0825

Client Project ID

Elka

Matrix

Ground Water

Collection Date/Time

June 11, 2024 3:00 pm

Date Received

06/12/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND	QL-02, CCVE	ug/L	0.241	0.500	1	EPA 8260D	06/14/2024 06:00	06/14/2024 20:39	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	22.8		ug/L	0.405	0.500	1	EPA 8260D	06/14/2024 06:00	06/14/2024 20:39	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	06/14/2024 06:00	06/14/2024 20:39	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	06/14/2024 06:00	06/14/2024 20:39	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	328		ug/L	2.38	2.50	5	EPA 8260D	06/18/2024 06:00	06/18/2024 15:10	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	06/14/2024 06:00	06/14/2024 20:39	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
91-20-3	Naphthalene	39.1	B	ug/L	0.212	2.00	1	EPA 8260D	06/14/2024 06:00	06/14/2024 20:39	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
104-51-8	n-Butylbenzene	4.63		ug/L	0.399	0.500	1	EPA 8260D	06/14/2024 06:00	06/14/2024 20:39	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	64.0		ug/L	0.384	0.500	1	EPA 8260D	06/14/2024 06:00	06/14/2024 20:39	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	0.400	J	ug/L	0.261	0.500	1	EPA 8260D	06/14/2024 06:00	06/14/2024 20:39	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	2.49		ug/L	0.578	1.00	1	EPA 8260D	06/14/2024 06:00	06/14/2024 20:39	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
105-05-5	* p-Diethylbenzene	7.50		ug/L	0.341	0.500	1	EPA 8260D	06/14/2024 06:00	06/14/2024 20:39	AC
								Certifications:			
622-96-8	* p-Ethyltoluene	9.15		ug/L	0.200	0.500	1	EPA 8260D	06/14/2024 06:00	06/14/2024 20:39	AC
								Certifications:			
99-87-6	p-Isopropyltoluene	1.55		ug/L	0.377	0.500	1	EPA 8260D	06/14/2024 06:00	06/14/2024 20:39	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	5.28		ug/L	0.444	0.500	1	EPA 8260D	06/14/2024 06:00	06/14/2024 20:39	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	06/14/2024 06:00	06/14/2024 20:39	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	06/14/2024 06:00	06/14/2024 20:39	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	1.29		ug/L	0.367	0.500	1	EPA 8260D	06/14/2024 06:00	06/14/2024 20:39	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D	06/14/2024 06:00	06/14/2024 20:39	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	1.13		ug/L	0.346	0.500	1	EPA 8260D	06/14/2024 06:00	06/14/2024 20:39	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	06/14/2024 06:00	06/14/2024 20:39	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	06/14/2024 06:00	06/14/2024 20:39	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		



Sample Information

Client Sample ID: GP-12 S

York Sample ID: 24F0825-01

York Project (SDG) No.

24F0825

Client Project ID

Elka

Matrix

Ground Water

Collection Date/Time

June 11, 2024 3:00 pm

Date Received

06/12/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 06:00	06/14/2024 20:39	AC
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 06:00	06/14/2024 20:39	AC
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 06:00	06/14/2024 20:39	AC
1330-20-7	Xylenes, Total	2.89		ug/L	0.839	1.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 06:00	06/14/2024 20:39	AC
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	93.7 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	96.9 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	86.0 %	79-122								

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

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/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/14/2024 12:15	LL
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/14/2024 12:15	LL
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 12:15	LL
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	06/13/2024 08:24	06/14/2024 12:15	LL
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/14/2024 12:15	LL
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	06/13/2024 08:24	06/14/2024 12:15	LL
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	06/13/2024 08:24	06/14/2024 12:15	LL
58-90-2	2,3,4,6-Tetrachlorophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/14/2024 12:15	LL
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 12:15	LL
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 12:15	LL
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 12:15	LL
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 12:15	LL
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 12:15	LL



Sample Information

Client Sample ID: GP-12 S

York Sample ID: 24F0825-01

York Project (SDG) No.

24F0825

Client Project ID

Elka

Matrix

Ground Water

Collection Date/Time

June 11, 2024 3:00 pm

Date Received

06/12/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 12:15	LL
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 12:15	LL
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 12:15	LL
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 12:15	LL
91-57-6	2-Methylnaphthalene	190		ug/L	25.0	50.0	10	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/18/2024 13:20	SS
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 12:15	LL
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 12:15	LL
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 12:15	LL
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 12:15	LL
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 12:15	LL
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 12:15	LL
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 12:15	LL
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 12:15	LL
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 12:15	LL
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 12:15	LL
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 12:15	LL
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 12:15	LL
100-02-7	4-Nitrophenol	ND	CAL-E	ug/L	5.00	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 12:15	LL
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/14/2024 12:15	LL
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/14/2024 12:15	LL
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/14/2024 12:15	LL
92-87-5	Benzidine	ND		ug/L	5.00	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 12:15	LL
65-85-0	Benzoic acid	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/14/2024 12:15	LL



Sample Information

Client Sample ID: GP-12 S

York Sample ID: 24F0825-01

York Project (SDG) No.

24F0825

Client Project ID

Elka

Matrix

Ground Water

Collection Date/Time

June 11, 2024 3:00 pm

Date Received

06/12/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/14/2024 12:15	LL
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 12:15	LL
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 12:15	LL
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 12:15	LL
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 12:15	LL
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/14/2024 12:15	LL
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 12:15	LL
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 12:15	LL
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 12:15	LL
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 12:15	LL
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 12:15	LL
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 12:15	LL
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	ug/L	5.00	10.0	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 12:15	LL
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 12:15	LL
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 12:15	LL
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 12:15	LL
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 12:15	LL
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 12:15	LL

Surrogate Recoveries		Result	Acceptance Range
367-12-4	Surrogate: SURR: 2-Fluorophenol	41.7 %	19.7-63.1
13127-88-3	Surrogate: SURR: Phenol-d6	22.5 %	10.1-41.7
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	101 %	50.2-113
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	86.9 %	39.9-105
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	180 %	39.3-151
1718-51-0	Surrogate: SURR: Terphenyl-d14	98.7 %	30.7-106

Semi-Volatiles, 8270 (SIM)

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GP-12 S

York Sample ID: 24F0825-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0825

Elka

Ground Water

June 11, 2024 3:00 pm

06/12/2024

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	6.00		ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/13/2024 08:24	06/17/2024 14:29	SS
208-96-8	Acenaphthylene	ND		ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 14:29	SS
120-12-7	Anthracene	ND		ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 14:29	SS
1912-24-9	Atrazine	ND	CAL-E	ug/L	25.0	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/17/2024 14:29	SS
56-55-3	Benzo(a)anthracene	ND		ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 14:29	SS
50-32-8	Benzo(a)pyrene	ND	CAL-E	ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 14:29	SS
205-99-2	Benzo(b)fluoranthene	ND		ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 14:29	SS
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 14:29	SS
207-08-9	Benzo(k)fluoranthene	ND		ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 14:29	SS
117-81-7	Bis(2-ethylhexyl)phthalate	ND	CAL-E	ug/L	25.0	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/17/2024 14:29	SS
218-01-9	Chrysene	ND		ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 14:29	SS
53-70-3	Dibenzo(a,h)anthracene	ND	CAL-E	ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 14:29	SS
206-44-0	Fluoranthene	ND		ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 14:29	SS
86-73-7	Fluorene	7.50		ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/13/2024 08:24	06/17/2024 14:29	SS
118-74-1	Hexachlorobenzene	ND		ug/L	1.00	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/17/2024 14:29	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	25.0	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/17/2024 14:29	SS
67-72-1	Hexachloroethane	ND		ug/L	25.0	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/17/2024 14:29	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND	CAL-E	ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 14:29	SS
91-20-3	Naphthalene	36.5		ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/13/2024 08:24	06/17/2024 14:29	SS
98-95-3	Nitrobenzene	ND	CCVE, ICVE	ug/L	12.5	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/17/2024 14:29	SS
62-75-9	N-Nitrosodimethylamine	ND		ug/L	25.0	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/17/2024 14:29	SS
87-86-5	Pentachlorophenol	ND	CAL-E	ug/L	12.5	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/17/2024 14:29	SS
85-01-8	Phenanthrene	5.50		ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/13/2024 08:24	06/17/2024 14:29	SS
129-00-0	Pyrene	ND		ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 14:29	SS



Sample Information

Client Sample ID: GP-12 D

York Sample ID: 24F0825-02

York Project (SDG) No.

24F0825

Client Project ID

Elka

Matrix

Ground Water

Collection Date/Time

June 11, 2024 3:00 pm

Date Received

06/12/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 14:43	AC
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 14:43	AC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 14:43	AC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 14:43	AC
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 14:43	AC
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 14:43	AC
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 14:43	AC
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 14:43	AC
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 14:43	AC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 14:43	AC
95-63-6	1,2,4-Trimethylbenzene	1.24		ug/L	0.310	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 14:43	AC
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 14:43	AC
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 14:43	AC
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 14:43	AC
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 14:43	AC
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 14:43	AC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 14:43	AC
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 14:43	AC
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 14:43	AC
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 14:43	AC
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications:	06/18/2024 06:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 14:43	AC
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 14:43	AC
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 14:43	AC



Sample Information

Client Sample ID: GP-12 D

York Sample ID: 24F0825-02

York Project (SDG) No.

24F0825

Client Project ID

Elka

Matrix

Ground Water

Collection Date/Time

June 11, 2024 3:00 pm

Date Received

06/12/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 14:43	AC
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 14:43	AC
107-02-8	Acrolein	ND	CCVE	ug/L	0.447	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 14:43	AC
107-13-1	Acrylonitrile	ND	CCVE	ug/L	0.422	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 14:43	AC
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 14:43	AC
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 14:43	AC
75-27-4	Bromodichloromethane	ND	QL-02	ug/L	0.245	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 14:43	AC
75-25-2	Bromoform	ND	CCVE, QL-02	ug/L	0.163	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 14:43	AC
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 14:43	AC
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 14:43	AC
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 14:43	AC
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 14:43	AC
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 14:43	AC
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 14:43	AC
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 14:43	AC
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 14:43	AC
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 14:43	AC
110-82-7	Cyclohexane	ND	QL-02	ug/L	0.491	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 14:43	AC
124-48-1	Dibromochloromethane	ND	QL-02	ug/L	0.146	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 14:43	AC
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 14:43	AC
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 14:43	AC
100-41-4	Ethyl Benzene	0.410	J	ug/L	0.290	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 14:43	AC
87-68-3	Hexachlorobutadiene	ND	CCVE, QL-02	ug/L	0.241	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 14:43	AC



Sample Information

Client Sample ID: GP-12 D

York Sample ID: 24F0825-02

York Project (SDG) No.

24F0825

Client Project ID

Elka

Matrix

Ground Water

Collection Date/Time

June 11, 2024 3:00 pm

Date Received

06/12/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00	06/18/2024 14:43	AC
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00	06/18/2024 14:43	AC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00	06/18/2024 14:43	AC
108-87-2	Methylcyclohexane	1.85		ug/L	0.477	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00	06/18/2024 14:43	AC
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications:	06/18/2024 06:00	06/18/2024 14:43	AC
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D Certifications:	06/18/2024 06:00	06/18/2024 14:43	AC
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00	06/18/2024 14:43	AC
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00	06/18/2024 14:43	AC
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00	06/18/2024 14:43	AC
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	06/18/2024 06:00	06/18/2024 14:43	AC
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00	06/18/2024 14:43	AC
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00	06/18/2024 14:43	AC
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00	06/18/2024 14:43	AC
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00	06/18/2024 14:43	AC
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00	06/18/2024 14:43	AC
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	ug/L	0.608	1.00	1	EPA 8260D Certifications:	06/18/2024 06:00	06/18/2024 14:43	AC
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00	06/18/2024 14:43	AC
127-18-4	Tetrachloroethylene	0.970		ug/L	0.239	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00	06/18/2024 14:43	AC
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00	06/18/2024 14:43	AC
156-60-5	trans-1,2-Dichloroethylene	0.340	J	ug/L	0.279	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00	06/18/2024 14:43	AC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00	06/18/2024 14:43	AC
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00	06/18/2024 14:43	AC
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00	06/18/2024 14:43	AC



Sample Information

Client Sample ID: GP-12 D

York Sample ID: 24F0825-02

York Project (SDG) No.

24F0825

Client Project ID

Elka

Matrix

Ground Water

Collection Date/Time

June 11, 2024 3:00 pm

Date Received

06/12/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 06:00	06/18/2024 14:43	AC
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 06:00	06/18/2024 14:43	AC
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	103 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	104 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	96.0 %	79-122								

Sample Information

Client Sample ID: GP-14 S

York Sample ID: 24F0825-03

York Project (SDG) No.

24F0825

Client Project ID

Elka

Matrix

Ground Water

Collection Date/Time

June 11, 2024 3:00 pm

Date Received

06/12/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 06:00	06/14/2024 21:34	AC
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 06:00	06/14/2024 21:34	AC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 06:00	06/14/2024 21:34	AC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 06:00	06/14/2024 21:34	AC
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 06:00	06/14/2024 21:34	AC
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 06:00	06/14/2024 21:34	AC
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 06:00	06/14/2024 21:34	AC
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/14/2024 06:00	06/14/2024 21:34	AC
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/14/2024 06:00	06/14/2024 21:34	AC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/14/2024 06:00	06/14/2024 21:34	AC
95-63-6	1,2,4-Trimethylbenzene	1.41		ug/L	0.310	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 06:00	06/14/2024 21:34	AC



Sample Information

Client Sample ID: GP-14 S

York Sample ID: 24F0825-03

York Project (SDG) No.

24F0825

Client Project ID

Elka

Matrix

Ground Water

Collection Date/Time

June 11, 2024 3:00 pm

Date Received

06/12/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 21:34	AC
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 21:34	AC
95-50-1	1,2-Dichlorobenzene	1.65		ug/L	0.270	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 21:34	AC
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 21:34	AC
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 21:34	AC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 21:34	AC
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 21:34	AC
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/14/2024 21:34	AC
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 21:34	AC
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications:	06/14/2024 06:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/14/2024 21:34	AC
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 21:34	AC
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 21:34	AC
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 21:34	AC
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 21:34	AC
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 21:34	AC
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 21:34	AC
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 21:34	AC
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/14/2024 21:34	AC
75-27-4	Bromodichloromethane	ND	QL-02	ug/L	0.245	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 21:34	AC
75-25-2	Bromoform	ND	CCVE, QL-02	ug/L	0.163	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 21:34	AC
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 21:34	AC
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 21:34	AC
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 21:34	AC



Sample Information

Client Sample ID: GP-14 S

York Sample ID: 24F0825-03

York Project (SDG) No.

24F0825

Client Project ID

Elka

Matrix

Ground Water

Collection Date/Time

June 11, 2024 3:00 pm

Date Received

06/12/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 21:34	AC
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 21:34	AC
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 21:34	AC
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 21:34	AC
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 21:34	AC
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 21:34	AC
110-82-7	Cyclohexane	ND	QL-02	ug/L	0.491	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/14/2024 21:34	AC
124-48-1	Dibromochloromethane	ND	QL-02	ug/L	0.146	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 21:34	AC
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/14/2024 21:34	AC
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/14/2024 21:34	AC
100-41-4	Ethyl Benzene	1.96		ug/L	0.290	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 21:34	AC
87-68-3	Hexachlorobutadiene	ND	CCVE, QL-02	ug/L	0.241	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/14/2024 21:34	AC
98-82-8	Isopropylbenzene	15.1		ug/L	0.405	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 21:34	AC
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/14/2024 21:34	AC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 21:34	AC
108-87-2	Methylcyclohexane	36.4		ug/L	0.477	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/14/2024 21:34	AC
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 21:34	AC
91-20-3	Naphthalene	60.7	B	ug/L	0.212	2.00	1	EPA 8260D Certifications:	06/14/2024 06:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/14/2024 21:34	AC
104-51-8	n-Butylbenzene	10.0		ug/L	0.399	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 21:34	AC
103-65-1	n-Propylbenzene	37.6		ug/L	0.384	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 21:34	AC
95-47-6	o-Xylene	0.440	J	ug/L	0.261	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	06/14/2024 21:34	AC
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	06/14/2024 21:34	AC
105-05-5	* p-Diethylbenzene	10.7		ug/L	0.341	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00	06/14/2024 21:34	AC



Sample Information

Client Sample ID: GP-14 S		York Sample ID: 24F0825-03			
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24F0825	Elka	Ground Water	June 11, 2024 3:00 pm	06/12/2024	

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00	06/14/2024 21:34	AC
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00	06/14/2024 21:34	AC
135-98-8	sec-Butylbenzene	11.4		ug/L	0.444	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00	06/14/2024 21:34	AC
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00	06/14/2024 21:34	AC
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D Certifications:	06/14/2024 06:00	06/14/2024 21:34	AC
98-06-6	tert-Butylbenzene	1.22		ug/L	0.367	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00	06/14/2024 21:34	AC
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00	06/14/2024 21:34	AC
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00	06/14/2024 21:34	AC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00	06/14/2024 21:34	AC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00	06/14/2024 21:34	AC
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00	06/14/2024 21:34	AC
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00	06/14/2024 21:34	AC
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00	06/14/2024 21:34	AC
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications:	06/14/2024 06:00	06/14/2024 21:34	AC
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	96.0 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	99.3 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	90.0 %	79-122								

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

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/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24	06/14/2024 12:50	LL
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24	06/14/2024 12:50	LL
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24	06/14/2024 12:50	LL



Sample Information

Client Sample ID: GP-14 S

York Sample ID: 24F0825-03

York Project (SDG) No.

24F0825

Client Project ID

Elka

Matrix

Ground Water

Collection Date/Time

June 11, 2024 3:00 pm

Date Received

06/12/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	06/13/2024 08:24	06/14/2024 12:50	LL
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/14/2024 12:50	LL
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	06/13/2024 08:24	06/14/2024 12:50	LL
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	06/13/2024 08:24	06/14/2024 12:50	LL
58-90-2	2,3,4,6-Tetrachlorophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/14/2024 12:50	LL
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 12:50	LL
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 12:50	LL
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 12:50	LL
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 12:50	LL
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 12:50	LL
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 12:50	LL
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 12:50	LL
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 12:50	LL
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 12:50	LL
91-57-6	2-Methylnaphthalene	12.2		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/13/2024 08:24	06/14/2024 12:50	LL
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 12:50	LL
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 12:50	LL
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 12:50	LL
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 12:50	LL
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 12:50	LL
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 12:50	LL
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 12:50	LL
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 12:50	LL



Sample Information

Client Sample ID: GP-14 S

York Sample ID: 24F0825-03

York Project (SDG) No.

24F0825

Client Project ID

Elka

Matrix

Ground Water

Collection Date/Time

June 11, 2024 3:00 pm

Date Received

06/12/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 12:50	LL
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 12:50	LL
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 12:50	LL
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 12:50	LL
100-02-7	4-Nitrophenol	ND	CAL-E	ug/L	5.00	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 12:50	LL
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/14/2024 12:50	LL
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/14/2024 12:50	LL
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/14/2024 12:50	LL
92-87-5	Benzidine	ND		ug/L	5.00	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 12:50	LL
65-85-0	Benzoic acid	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/14/2024 12:50	LL
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/14/2024 12:50	LL
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 12:50	LL
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 12:50	LL
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 12:50	LL
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 12:50	LL
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/14/2024 12:50	LL
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 12:50	LL
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 12:50	LL
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 12:50	LL
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 12:50	LL
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 12:50	LL
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 12:50	LL
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	ug/L	5.00	10.0	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 12:50	LL



Sample Information

Client Sample ID: GP-14 S

York Sample ID: 24F0825-03

York Project (SDG) No.

24F0825

Client Project ID

Elka

Matrix

Ground Water

Collection Date/Time

June 11, 2024 3:00 pm

Date Received

06/12/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 12:50	LL
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 12:50	LL
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 12:50	LL
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 12:50	LL
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 12:50	LL
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	26.8 %	19.7-63.1								
13127-88-3	Surrogate: SURR: Phenol-d6	14.0 %	10.1-41.7								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	67.3 %	50.2-113								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	56.5 %	39.9-105								
1718-51-0	Surrogate: SURR: Terphenyl-d14	66.1 %	30.7-106								

Semi-Volatiles, 8270 (SIM)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	6.40		ug/L	1.00	20	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 14:59	SS
208-96-8	Acenaphthylene	1.40		ug/L	1.00	20	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 14:59	SS
120-12-7	Anthracene	1.00		ug/L	1.00	20	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 14:59	SS
1912-24-9	Atrazine	ND	CAL-E	ug/L	10.0	20	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/17/2024 14:59	SS
56-55-3	Benzo(a)anthracene	ND		ug/L	1.00	20	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 14:59	SS
50-32-8	Benzo(a)pyrene	ND	CAL-E	ug/L	1.00	20	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 14:59	SS
205-99-2	Benzo(b)fluoranthene	ND		ug/L	1.00	20	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 14:59	SS
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	1.00	20	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 14:59	SS
207-08-9	Benzo(k)fluoranthene	ND		ug/L	1.00	20	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 14:59	SS
117-81-7	Bis(2-ethylhexyl)phthalate	ND	CAL-E	ug/L	10.0	20	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/17/2024 14:59	SS
218-01-9	Chrysene	ND		ug/L	1.00	20	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 14:59	SS
53-70-3	Dibenzo(a,h)anthracene	ND	CAL-E	ug/L	1.00	20	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 14:59	SS



Sample Information

Client Sample ID: GP-14 S		York Sample ID: 24F0825-03			
<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>	
24F0825	Elka	Ground Water	June 11, 2024 3:00 pm	06/12/2024	

Semi-Volatiles, 8270 (SIM)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
206-44-0	Fluoranthene	ND		ug/L	1.00	20	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 14:59	SS
86-73-7	Fluorene	9.40		ug/L	1.00	20	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 14:59	SS
118-74-1	Hexachlorobenzene	ND		ug/L	0.400	20	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/17/2024 14:59	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	10.0	20	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/17/2024 14:59	SS
67-72-1	Hexachloroethane	ND		ug/L	10.0	20	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/17/2024 14:59	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND	CAL-E	ug/L	1.00	20	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 14:59	SS
91-20-3	Naphthalene	88.6		ug/L	1.00	20	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 14:59	SS
98-95-3	Nitrobenzene	ND	CCVE, ICVE	ug/L	5.00	20	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/17/2024 14:59	SS
62-75-9	N-Nitrosodimethylamine	ND		ug/L	10.0	20	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/17/2024 14:59	SS
87-86-5	Pentachlorophenol	ND	CAL-E	ug/L	5.00	20	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/17/2024 14:59	SS
85-01-8	Phenanthrene	1.40		ug/L	1.00	20	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 14:59	SS
129-00-0	Pyrene	ND		ug/L	1.00	20	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 14:59	SS

Sample Information

Client Sample ID: GP-14 D		York Sample ID: 24F0825-04			
<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>	
24F0825	Elka	Ground Water	June 11, 2024 3:00 pm	06/12/2024	

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 06:00	06/18/2024 15:57	AC
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 06:00	06/18/2024 15:57	AC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 06:00	06/18/2024 15:57	AC



Sample Information

Client Sample ID: GP-14 D

York Sample ID: 24F0825-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0825

Elka

Ground Water

June 11, 2024 3:00 pm

06/12/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 15:57	AC
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 15:57	AC
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 15:57	AC
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 15:57	AC
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 15:57	AC
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 15:57	AC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 15:57	AC
95-63-6	1,2,4-Trimethylbenzene	3.49		ug/L	0.310	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 15:57	AC
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 15:57	AC
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 15:57	AC
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 15:57	AC
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 15:57	AC
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 15:57	AC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 15:57	AC
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 15:57	AC
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 15:57	AC
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 15:57	AC
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications:	06/18/2024 06:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 15:57	AC
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 15:57	AC
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 15:57	AC
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 15:57	AC
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 15:57	AC
107-02-8	Acrolein	ND	CCVE	ug/L	0.447	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 15:57	AC



Sample Information

Client Sample ID: GP-14 D

York Sample ID: 24F0825-04

York Project (SDG) No.

24F0825

Client Project ID

Elka

Matrix

Ground Water

Collection Date/Time

June 11, 2024 3:00 pm

Date Received

06/12/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-13-1	Acrylonitrile	ND	CCVE	ug/L	0.422	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 15:57	AC
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 15:57	AC
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 15:57	AC
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 15:57	AC
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 15:57	AC
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 15:57	AC
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 15:57	AC
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 15:57	AC
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 15:57	AC
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 15:57	AC
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 15:57	AC
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 15:57	AC
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 15:57	AC
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 15:57	AC
110-82-7	Cyclohexane	ND	QL-02	ug/L	0.491	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 15:57	AC
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 15:57	AC
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 15:57	AC
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 15:57	AC
100-41-4	Ethyl Benzene	0.410	J	ug/L	0.290	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 15:57	AC
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 15:57	AC
98-82-8	Isopropylbenzene	6.27	CCVE	ug/L	0.405	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 15:57	AC
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 15:57	AC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 15:57	AC



Sample Information

Client Sample ID: GP-14 D

York Sample ID: 24F0825-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0825

Elka

Ground Water

June 11, 2024 3:00 pm

06/12/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	6.87		ug/L	0.477	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 06:00	06/18/2024 15:57	AC
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 06:00	06/18/2024 15:57	AC
91-20-3	Naphthalene	1.62	J	ug/L	0.212	2.00	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 06:00	06/18/2024 15:57	AC
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 06:00	06/18/2024 15:57	AC
103-65-1	n-Propylbenzene	22.3	CCVE	ug/L	0.384	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 06:00	06/18/2024 15:57	AC
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-68-	06/18/2024 06:00	06/18/2024 15:57	AC
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	06/18/2024 06:00	06/18/2024 15:57	AC
105-05-5	* p-Diethylbenzene	1.52		ug/L	0.341	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00	06/18/2024 15:57	AC
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00	06/18/2024 15:57	AC
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 06:00	06/18/2024 15:57	AC
135-98-8	sec-Butylbenzene	1.72		ug/L	0.444	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 06:00	06/18/2024 15:57	AC
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 06:00	06/18/2024 15:57	AC
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	ug/L	0.608	1.00	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 06:00	06/18/2024 15:57	AC
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 06:00	06/18/2024 15:57	AC
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 06:00	06/18/2024 15:57	AC
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 06:00	06/18/2024 15:57	AC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 06:00	06/18/2024 15:57	AC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 06:00	06/18/2024 15:57	AC
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 06:00	06/18/2024 15:57	AC
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 06:00	06/18/2024 15:57	AC
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 06:00	06/18/2024 15:57	AC
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 06:00	06/18/2024 15:57	AC
Surrogate Recoveries		Result	Acceptance Range								



Sample Information

Client Sample ID: GP-14 D

York Sample ID: 24F0825-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0825

Elka

Ground Water

June 11, 2024 3:00 pm

06/12/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	88.1 %			69-130						
2037-26-5	Surrogate: SURR: Toluene-d8	107 %			81-117						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	102 %			79-122						

Sample Information

Client Sample ID: GP-10 S

York Sample ID: 24F0825-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0825

Elka

Ground Water

June 11, 2024 3:00 pm

06/12/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	1.08	2.50	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 11:59	BMC
71-55-6	1,1,1-Trichloroethane	ND		ug/L	1.33	2.50	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 11:59	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	1.28	2.50	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 11:59	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	1.43	2.50	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 11:59	BMC
79-00-5	1,1,2-Trichloroethane	ND		ug/L	1.24	2.50	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 11:59	BMC
75-34-3	1,1-Dichloroethane	ND		ug/L	1.36	2.50	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 11:59	BMC
75-35-4	1,1-Dichloroethylene	ND		ug/L	1.64	2.50	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 11:59	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	1.11	2.50	5	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 06:10	06/19/2024 11:59	BMC
96-18-4	1,2,3-Trichloropropane	ND		ug/L	1.36	2.50	5	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 06:10	06/19/2024 11:59	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.690	2.50	5	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 06:10	06/19/2024 11:59	BMC
95-63-6	1,2,4-Trimethylbenzene	534		ug/L	1.55	2.50	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 11:59	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE	ug/L	2.16	2.50	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 11:59	BMC
106-93-4	1,2-Dibromoethane	ND		ug/L	1.08	2.50	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 11:59	BMC
95-50-1	1,2-Dichlorobenzene	ND		ug/L	1.35	2.50	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 11:59	BMC



Sample Information

Client Sample ID: GP-10 S

York Sample ID: 24F0825-05

York Project (SDG) No.

24F0825

Client Project ID

Elka

Matrix

Ground Water

Collection Date/Time

June 11, 2024 3:00 pm

Date Received

06/12/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		ug/L	1.88	2.50	5	EPA 8260D Certifications:	06/19/2024 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 11:59	BMC
78-87-5	1,2-Dichloropropane	ND		ug/L	1.64	2.50	5	EPA 8260D Certifications:	06/19/2024 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 11:59	BMC
108-67-8	1,3,5-Trimethylbenzene	181		ug/L	1.74	2.50	5	EPA 8260D Certifications:	06/19/2024 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 11:59	BMC
541-73-1	1,3-Dichlorobenzene	ND		ug/L	1.42	2.50	5	EPA 8260D Certifications:	06/19/2024 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 11:59	BMC
142-28-9	1,3-Dichloropropane	ND		ug/L	1.30	2.50	5	EPA 8260D Certifications:	06/19/2024 06:10 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 11:59	BMC
106-46-7	1,4-Dichlorobenzene	ND		ug/L	1.56	2.50	5	EPA 8260D Certifications:	06/19/2024 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 11:59	BMC
123-91-1	1,4-Dioxane	ND		ug/L	176	400	5	EPA 8260D Certifications:	06/19/2024 06:10 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 11:59	BMC
78-93-3	2-Butanone	ND		ug/L	2.10	2.50	5	EPA 8260D Certifications:	06/19/2024 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 11:59	BMC
591-78-6	2-Hexanone	ND		ug/L	1.60	2.50	5	EPA 8260D Certifications:	06/19/2024 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 11:59	BMC
108-10-1	4-Methyl-2-pentanone	ND		ug/L	1.82	2.50	5	EPA 8260D Certifications:	06/19/2024 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 11:59	BMC
67-64-1	Acetone	ND		ug/L	6.70	10.0	5	EPA 8260D Certifications:	06/19/2024 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 11:59	BMC
107-02-8	Acrolein	ND	ICVE	ug/L	2.24	2.50	5	EPA 8260D Certifications:	06/19/2024 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 11:59	BMC
107-13-1	Acrylonitrile	ND		ug/L	2.11	2.50	5	EPA 8260D Certifications:	06/19/2024 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 11:59	BMC
71-43-2	Benzene	ND		ug/L	1.40	2.50	5	EPA 8260D Certifications:	06/19/2024 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 11:59	BMC
74-97-5	Bromochloromethane	ND		ug/L	1.77	2.50	5	EPA 8260D Certifications:	06/19/2024 06:10 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 11:59	BMC
75-27-4	Bromodichloromethane	ND		ug/L	1.22	2.50	5	EPA 8260D Certifications:	06/19/2024 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 11:59	BMC
75-25-2	Bromoform	ND	CCVE, QL-02	ug/L	0.815	2.50	5	EPA 8260D Certifications:	06/19/2024 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 11:59	BMC
74-83-9	Bromomethane	ND	CCVE	ug/L	0.595	2.50	5	EPA 8260D Certifications:	06/19/2024 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 11:59	BMC
75-15-0	Carbon disulfide	ND		ug/L	1.81	2.50	5	EPA 8260D Certifications:	06/19/2024 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 11:59	BMC
56-23-5	Carbon tetrachloride	ND		ug/L	1.02	2.50	5	EPA 8260D Certifications:	06/19/2024 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 11:59	BMC
108-90-7	Chlorobenzene	ND		ug/L	1.42	2.50	5	EPA 8260D Certifications:	06/19/2024 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 11:59	BMC
75-00-3	Chloroethane	ND	CCVE	ug/L	2.24	2.50	5	EPA 8260D Certifications:	06/19/2024 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 11:59	BMC
67-66-3	Chloroform	ND		ug/L	1.22	2.50	5	EPA 8260D Certifications:	06/19/2024 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 11:59	BMC



Sample Information

Client Sample ID: GP-10 S

York Sample ID: 24F0825-05

York Project (SDG) No.

24F0825

Client Project ID

Elka

Matrix

Ground Water

Collection Date/Time

June 11, 2024 3:00 pm

Date Received

06/12/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND	CCVE	ug/L	1.86	2.50	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 11:59	BMC
156-59-2	cis-1,2-Dichloroethylene	3.25		ug/L	1.47	2.50	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 11:59	BMC
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	1.31	2.50	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 11:59	BMC
110-82-7	Cyclohexane	11.4	ICVE, QL-02	ug/L	2.46	2.50	5	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 06:10	06/19/2024 11:59	BMC
124-48-1	Dibromochloromethane	ND		ug/L	0.730	2.50	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 11:59	BMC
74-95-3	Dibromomethane	ND		ug/L	1.02	2.50	5	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 06:10	06/19/2024 11:59	BMC
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	2.26	2.50	5	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 06:10	06/19/2024 11:59	BMC
100-41-4	Ethyl Benzene	371		ug/L	1.45	2.50	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 11:59	BMC
87-68-3	Hexachlorobutadiene	ND		ug/L	1.20	2.50	5	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 06:10	06/19/2024 11:59	BMC
98-82-8	Isopropylbenzene	47.5		ug/L	2.02	2.50	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 11:59	BMC
79-20-9	Methyl acetate	ND		ug/L	2.21	2.50	5	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 06:10	06/19/2024 11:59	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	1.22	2.50	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 11:59	BMC
108-87-2	Methylcyclohexane	294		ug/L	2.38	2.50	5	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 06:10	06/19/2024 11:59	BMC
75-09-2	Methylene chloride	ND		ug/L	1.98	10.0	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 11:59	BMC
91-20-3	Naphthalene	49.2		ug/L	1.06	10.0	5	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 06:10	06/19/2024 11:59	BMC
104-51-8	n-Butylbenzene	32.0		ug/L	2.00	2.50	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 11:59	BMC
103-65-1	n-Propylbenzene	126		ug/L	1.92	2.50	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 11:59	BMC
95-47-6	o-Xylene	ND		ug/L	1.30	2.50	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	06/19/2024 06:10	06/19/2024 11:59	BMC
179601-23-1	p- & m- Xylenes	838		ug/L	2.89	5.00	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	06/19/2024 06:10	06/19/2024 11:59	BMC
105-05-5	* p-Diethylbenzene	95.2		ug/L	1.70	2.50	5	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 11:59	BMC
622-96-8	* p-Ethyltoluene	127		ug/L	1.00	2.50	5	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 11:59	BMC
99-87-6	p-Isopropyltoluene	31.8		ug/L	1.88	2.50	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 11:59	BMC



Sample Information

Client Sample ID: GP-10 S			York Sample ID: 24F0825-05		
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24F0825	Elka	Ground Water	June 11, 2024 3:00 pm	06/12/2024	

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
135-98-8	sec-Butylbenzene	37.1		ug/L	2.22	2.50	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/19/2024 06:10	06/19/2024 11:59	BMC
100-42-5	Styrene	ND		ug/L	1.28	2.50	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/19/2024 06:10	06/19/2024 11:59	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	ug/L	3.04	5.00	5	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/19/2024 06:10	06/19/2024 11:59	BMC
98-06-6	tert-Butylbenzene	5.60		ug/L	1.84	2.50	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/19/2024 06:10	06/19/2024 11:59	BMC
127-18-4	Tetrachloroethylene	ND		ug/L	1.20	2.50	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/19/2024 06:10	06/19/2024 11:59	BMC
108-88-3	Toluene	ND		ug/L	1.73	2.50	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/19/2024 06:10	06/19/2024 11:59	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	1.40	2.50	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/19/2024 06:10	06/19/2024 11:59	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	1.14	2.50	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/19/2024 06:10	06/19/2024 11:59	BMC
79-01-6	Trichloroethylene	ND		ug/L	1.24	2.50	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/19/2024 06:10	06/19/2024 11:59	BMC
75-69-4	Trichlorofluoromethane	ND		ug/L	1.68	2.50	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/19/2024 06:10	06/19/2024 11:59	BMC
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	2.34	2.50	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/19/2024 06:10	06/19/2024 11:59	BMC
1330-20-7	Xylenes, Total	838		ug/L	4.20	7.50	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	06/19/2024 06:10	06/19/2024 11:59	BMC
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	84.6 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	106 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	92.5 %	79-122								

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

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/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/14/2024 13:24	LL
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/14/2024 13:24	LL
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/14/2024 13:24	LL
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	06/13/2024 08:24	06/14/2024 13:24	LL
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/14/2024 13:24	LL



Sample Information

Client Sample ID: GP-10 S

York Sample ID: 24F0825-05

York Project (SDG) No.

24F0825

Client Project ID

Elka

Matrix

Ground Water

Collection Date/Time

June 11, 2024 3:00 pm

Date Received

06/12/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	06/13/2024 08:24	06/14/2024 13:24	LL
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	06/13/2024 08:24	06/14/2024 13:24	LL
58-90-2	2,3,4,6-Tetrachlorophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/14/2024 13:24	LL
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 13:24	LL
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 13:24	LL
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 13:24	LL
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 13:24	LL
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 13:24	LL
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 13:24	LL
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 13:24	LL
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 13:24	LL
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 13:24	LL
91-57-6	2-Methylnaphthalene	20.4		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 13:24	LL
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 13:24	LL
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 13:24	LL
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 13:24	LL
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 13:24	LL
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 13:24	LL
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 13:24	LL
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 13:24	LL
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 13:24	LL
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 13:24	LL
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 13:24	LL



Sample Information

Client Sample ID: GP-10 S

York Sample ID: 24F0825-05

York Project (SDG) No.

24F0825

Client Project ID

Elka

Matrix

Ground Water

Collection Date/Time

June 11, 2024 3:00 pm

Date Received

06/12/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

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/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 13:24	LL
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 13:24	LL
100-02-7	4-Nitrophenol	ND	CAL-E	ug/L	5.00	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 13:24	LL
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/14/2024 13:24	LL
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/14/2024 13:24	LL
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/14/2024 13:24	LL
92-87-5	Benzidine	ND		ug/L	5.00	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 13:24	LL
65-85-0	Benzoic acid	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/14/2024 13:24	LL
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/14/2024 13:24	LL
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 13:24	LL
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 13:24	LL
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 13:24	LL
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 13:24	LL
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/14/2024 13:24	LL
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 13:24	LL
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 13:24	LL
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 13:24	LL
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 13:24	LL
84-74-2	Di-n-butyl phthalate	3.83	J	ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/14/2024 13:24	LL
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 13:24	LL
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	ug/L	5.00	10.0	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 13:24	LL
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 13:24	LL
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 13:24	LL



Sample Information

Client Sample ID: GP-10 S

York Sample ID: 24F0825-05

York Project (SDG) No.

24F0825

Client Project ID

Elka

Matrix

Ground Water

Collection Date/Time

June 11, 2024 3:00 pm

Date Received

06/12/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 13:24	LL
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 13:24	LL
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 13:24	LL
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	48.9 %			19.7-63.1						
13127-88-3	Surrogate: SURR: Phenol-d6	25.8 %			10.1-41.7						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	114 %	S-08		50.2-113						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	104 %			39.9-105						
1718-51-0	Surrogate: SURR: Terphenyl-d14	111 %	S-08		30.7-106						

Semi-Volatiles, 8270 (SIM)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 15:30	SS
208-96-8	Acenaphthylene	ND		ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 15:30	SS
120-12-7	Anthracene	ND		ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 15:30	SS
1912-24-9	Atrazine	ND	CAL-E	ug/L	25.0	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/17/2024 15:30	SS
56-55-3	Benzo(a)anthracene	ND		ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 15:30	SS
50-32-8	Benzo(a)pyrene	ND	CAL-E	ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 15:30	SS
205-99-2	Benzo(b)fluoranthene	ND		ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 15:30	SS
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 15:30	SS
207-08-9	Benzo(k)fluoranthene	ND		ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 15:30	SS
117-81-7	Bis(2-ethylhexyl)phthalate	ND	CAL-E	ug/L	25.0	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/17/2024 15:30	SS
218-01-9	Chrysene	ND		ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 15:30	SS
53-70-3	Dibenzo(a,h)anthracene	ND	CAL-E	ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 15:30	SS
206-44-0	Fluoranthene	ND		ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 15:30	SS
86-73-7	Fluorene	ND		ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 15:30	SS



Sample Information

Client Sample ID: GP-10 S

York Sample ID: 24F0825-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0825

Elka

Ground Water

June 11, 2024 3:00 pm

06/12/2024

Semi-Volatiles, 8270 (SIM)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-74-1	Hexachlorobenzene	ND		ug/L	1.00	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/17/2024 15:30	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	25.0	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/17/2024 15:30	SS
67-72-1	Hexachloroethane	ND		ug/L	25.0	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/17/2024 15:30	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND	CAL-E	ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 15:30	SS
91-20-3	Naphthalene	37.0		ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/13/2024 08:24	06/17/2024 15:30	SS
98-95-3	Nitrobenzene	ND	CCVE, ICVE	ug/L	12.5	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/17/2024 15:30	SS
62-75-9	N-Nitrosodimethylamine	ND		ug/L	25.0	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/17/2024 15:30	SS
87-86-5	Pentachlorophenol	ND	CAL-E	ug/L	12.5	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/17/2024 15:30	SS
85-01-8	Phenanthrene	ND		ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 15:30	SS
129-00-0	Pyrene	ND		ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 15:30	SS

Sample Information

Client Sample ID: GP-10 D

York Sample ID: 24F0825-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0825

Elka

Ground Water

June 11, 2024 3:00 pm

06/12/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 06:00	06/18/2024 17:48	AC
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 06:00	06/18/2024 17:48	AC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 06:00	06/18/2024 17:48	AC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 06:00	06/18/2024 17:48	AC
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 06:00	06/18/2024 17:48	AC
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 06:00	06/18/2024 17:48	AC



Sample Information

Client Sample ID: GP-10 D

York Sample ID: 24F0825-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0825

Elka

Ground Water

June 11, 2024 3:00 pm

06/12/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00	06/18/2024 17:48	AC
87-61-6	1,2,3-Trichlorobenzene	0.450	J	ug/L	0.222	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00	06/18/2024 17:48	AC
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00	06/18/2024 17:48	AC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00	06/18/2024 17:48	AC
95-63-6	1,2,4-Trimethylbenzene	302		ug/L	0.620	1.00	2	EPA 8260D Certifications:	06/18/2024 06:00	06/19/2024 13:43	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00	06/18/2024 17:48	AC
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00	06/18/2024 17:48	AC
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00	06/18/2024 17:48	AC
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00	06/18/2024 17:48	AC
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00	06/18/2024 17:48	AC
108-67-8	1,3,5-Trimethylbenzene	103		ug/L	0.347	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00	06/18/2024 17:48	AC
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00	06/18/2024 17:48	AC
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00	06/18/2024 17:48	AC
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00	06/18/2024 17:48	AC
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications:	06/18/2024 06:00	06/18/2024 17:48	AC
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00	06/18/2024 17:48	AC
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00	06/18/2024 17:48	AC
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00	06/18/2024 17:48	AC
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D Certifications:	06/18/2024 06:00	06/18/2024 17:48	AC
107-02-8	Acrolein	ND	CCVE	ug/L	0.447	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00	06/18/2024 17:48	AC
107-13-1	Acrylonitrile	ND	CCVE	ug/L	0.422	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00	06/18/2024 17:48	AC
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00	06/18/2024 17:48	AC
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00	06/18/2024 17:48	AC



Sample Information

Client Sample ID: GP-10 D

York Sample ID: 24F0825-06

York Project (SDG) No.

24F0825

Client Project ID

Elka

Matrix

Ground Water

Collection Date/Time

June 11, 2024 3:00 pm

Date Received

06/12/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 17:48	AC
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 17:48	AC
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 17:48	AC
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 17:48	AC
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 17:48	AC
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 17:48	AC
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 17:48	AC
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 17:48	AC
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 17:48	AC
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 17:48	AC
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 17:48	AC
110-82-7	Cyclohexane	2.85	QL-02	ug/L	0.491	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 17:48	AC
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 17:48	AC
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 17:48	AC
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 17:48	AC
100-41-4	Ethyl Benzene	11.5		ug/L	0.290	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 17:48	AC
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 17:48	AC
98-82-8	Isopropylbenzene	37.6	CCVE	ug/L	0.405	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 17:48	AC
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 17:48	AC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 17:48	AC
108-87-2	Methylcyclohexane	33.1		ug/L	0.477	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 17:48	AC
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 17:48	AC
91-20-3	Naphthalene	6.60		ug/L	0.212	2.00	1	EPA 8260D Certifications:	06/18/2024 06:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 17:48	AC



Sample Information

Client Sample ID: GP-10 D

York Sample ID: 24F0825-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0825

Elka

Ground Water

June 11, 2024 3:00 pm

06/12/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 06:00	06/18/2024 17:48	AC
103-65-1	n-Propylbenzene	71.2	CCVE	ug/L	0.384	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 06:00	06/18/2024 17:48	AC
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	06/18/2024 06:00	06/18/2024 17:48	AC
179601-23-1	p- & m- Xylenes	27.8		ug/L	0.578	1.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	06/18/2024 06:00	06/18/2024 17:48	AC
105-05-5	* p-Diethylbenzene	13.3		ug/L	0.341	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 06:00	06/18/2024 17:48	AC
622-96-8	* p-Ethyltoluene	83.1	CCVE, QL-02	ug/L	0.200	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 06:00	06/18/2024 17:48	AC
99-87-6	p-Isopropyltoluene	3.41		ug/L	0.377	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 06:00	06/18/2024 17:48	AC
135-98-8	sec-Butylbenzene	4.70		ug/L	0.444	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 06:00	06/18/2024 17:48	AC
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 06:00	06/18/2024 17:48	AC
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	ug/L	0.608	1.00	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 06:00	06/18/2024 17:48	AC
98-06-6	tert-Butylbenzene	0.640		ug/L	0.367	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 06:00	06/18/2024 17:48	AC
127-18-4	Tetrachloroethylene	0.470	J	ug/L	0.239	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 06:00	06/18/2024 17:48	AC
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 06:00	06/18/2024 17:48	AC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 06:00	06/18/2024 17:48	AC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 06:00	06/18/2024 17:48	AC
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 06:00	06/18/2024 17:48	AC
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 06:00	06/18/2024 17:48	AC
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 06:00	06/18/2024 17:48	AC
1330-20-7	Xylenes, Total	27.8		ug/L	0.839	1.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 06:00	06/18/2024 17:48	AC
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	91.7 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	104 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	92.5 %	79-122								



Sample Information

Client Sample ID: GP-15 S

York Sample ID: 24F0825-07

York Project (SDG) No.

24F0825

Client Project ID

Elka

Matrix

Ground Water

Collection Date/Time

June 11, 2024 3:00 pm

Date Received

06/12/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 18:16	AC
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 18:16	AC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 18:16	AC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 18:16	AC
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 18:16	AC
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 18:16	AC
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 18:16	AC
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 18:16	AC
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 18:16	AC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 18:16	AC
95-63-6	1,2,4-Trimethylbenzene	466		ug/L	6.20	10.0	20	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 14:37	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 18:16	AC
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 18:16	AC
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 18:16	AC
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 18:16	AC
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 18:16	AC
108-67-8	1,3,5-Trimethylbenzene	98.2		ug/L	0.347	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 18:16	AC
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 18:16	AC
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 18:16	AC
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 18:16	AC
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications:	06/18/2024 06:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 18:16	AC
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 18:16	AC
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 18:16	AC



Sample Information

Client Sample ID: GP-15 S

York Sample ID: 24F0825-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0825

Elka

Ground Water

June 11, 2024 3:00 pm

06/12/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 18:16	AC
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 18:16	AC
107-02-8	Acrolein	ND	CCVE	ug/L	0.447	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 18:16	AC
107-13-1	Acrylonitrile	ND	CCVE	ug/L	0.422	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 18:16	AC
71-43-2	Benzene	4.25		ug/L	0.279	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 18:16	AC
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 18:16	AC
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 18:16	AC
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 18:16	AC
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 18:16	AC
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 18:16	AC
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 18:16	AC
108-90-7	Chlorobenzene	2.68		ug/L	0.284	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 18:16	AC
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 18:16	AC
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 18:16	AC
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 18:16	AC
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 18:16	AC
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 18:16	AC
110-82-7	Cyclohexane	58.8	QL-02	ug/L	0.491	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 18:16	AC
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 18:16	AC
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 18:16	AC
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 18:16	AC
100-41-4	Ethyl Benzene	802		ug/L	5.80	10.0	20	EPA 8260D Certifications:	06/18/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 14:37	BMC
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications:	06/18/2024 06:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 18:16	AC



Sample Information

Client Sample ID: GP-15 S

York Sample ID: 24F0825-07

York Project (SDG) No.

24F0825

Client Project ID

Elka

Matrix

Ground Water

Collection Date/Time

June 11, 2024 3:00 pm

Date Received

06/12/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	64.1	CCVE	ug/L	0.405	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 06:00	06/18/2024 18:16	AC
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 06:00	06/18/2024 18:16	AC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 06:00	06/18/2024 18:16	AC
108-87-2	Methyleyclohexane	802		ug/L	9.54	10.0	20	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 06:00	06/19/2024 14:37	BMC
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 06:00	06/18/2024 18:16	AC
91-20-3	Naphthalene	70.4		ug/L	0.212	2.00	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 06:00	06/18/2024 18:16	AC
104-51-8	n-Butylbenzene	11.3		ug/L	0.399	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 06:00	06/18/2024 18:16	AC
103-65-1	n-Propylbenzene	118	CCVE	ug/L	0.384	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 06:00	06/18/2024 18:16	AC
95-47-6	o-Xylene	692		ug/L	5.22	10.0	20	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04	06/18/2024 06:00	06/19/2024 14:37	BMC
179601-23-1	p- & m- Xylenes	3020		ug/L	11.6	20.0	20	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04	06/18/2024 06:00	06/19/2024 14:37	BMC
105-05-5	* p-Diethylbenzene	16.2		ug/L	0.341	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 06:00	06/18/2024 18:16	AC
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 06:00	06/18/2024 18:16	AC
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 06:00	06/18/2024 18:16	AC
135-98-8	sec-Butylbenzene	14.6		ug/L	0.444	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 06:00	06/18/2024 18:16	AC
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 06:00	06/18/2024 18:16	AC
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	ug/L	0.608	1.00	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 06:00	06/18/2024 18:16	AC
98-06-6	tert-Butylbenzene	1.45		ug/L	0.367	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 06:00	06/18/2024 18:16	AC
127-18-4	Tetrachloroethylene	0.640		ug/L	0.239	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 06:00	06/18/2024 18:16	AC
108-88-3	Toluene	5.82		ug/L	0.346	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 06:00	06/18/2024 18:16	AC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 06:00	06/18/2024 18:16	AC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 06:00	06/18/2024 18:16	AC
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 06:00	06/18/2024 18:16	AC



Sample Information

Client Sample ID: GP-15 S

York Sample ID: 24F0825-07

York Project (SDG) No.

24F0825

Client Project ID

Elka

Matrix

Ground Water

Collection Date/Time

June 11, 2024 3:00 pm

Date Received

06/12/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 06:00	06/18/2024 18:16	AC
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 06:00	06/18/2024 18:16	AC
1330-20-7	Xylenes, Total	3710		ug/L	16.8	30.0	20	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 06:00	06/19/2024 14:37	BMC
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	70.6 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	111 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	86.7 %	79-122								

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

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/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/14/2024 13:59	LL
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/14/2024 13:59	LL
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 13:59	LL
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	06/13/2024 08:24	06/14/2024 13:59	LL
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/14/2024 13:59	LL
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	06/13/2024 08:24	06/14/2024 13:59	LL
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	06/13/2024 08:24	06/14/2024 13:59	LL
58-90-2	2,3,4,6-Tetrachlorophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/14/2024 13:59	LL
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 13:59	LL
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 13:59	LL
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 13:59	LL
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 13:59	LL
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 13:59	LL
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 13:59	LL



Sample Information

Client Sample ID: GP-15 S

York Sample ID: 24F0825-07

York Project (SDG) No.

24F0825

Client Project ID

Elka

Matrix

Ground Water

Collection Date/Time

June 11, 2024 3:00 pm

Date Received

06/12/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 13:59	LL
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 13:59	LL
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 13:59	LL
91-57-6	2-Methylnaphthalene	23.2		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 13:59	LL
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 13:59	LL
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 13:59	LL
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 13:59	LL
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 13:59	LL
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 13:59	LL
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 13:59	LL
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 13:59	LL
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 13:59	LL
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 13:59	LL
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 13:59	LL
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 13:59	LL
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 13:59	LL
100-02-7	4-Nitrophenol	ND	CAL-E	ug/L	5.00	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 13:59	LL
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/14/2024 13:59	LL
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/14/2024 13:59	LL
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/14/2024 13:59	LL
92-87-5	Benzidine	ND		ug/L	5.00	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 13:59	LL
65-85-0	Benzoic acid	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/14/2024 13:59	LL
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/14/2024 13:59	LL



Sample Information

Client Sample ID: GP-15 S

York Sample ID: 24F0825-07

York Project (SDG) No.

24F0825

Client Project ID

Elka

Matrix

Ground Water

Collection Date/Time

June 11, 2024 3:00 pm

Date Received

06/12/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

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	3.23	J	ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/13/2024 08:24	06/14/2024 13:59	LL
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 13:59	LL
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 13:59	LL
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 13:59	LL
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/14/2024 13:59	LL
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 13:59	LL
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 13:59	LL
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 13:59	LL
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 13:59	LL
84-74-2	Di-n-butyl phthalate	47.5		ug/L	12.5	25.0	5	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/13/2024 08:24	06/17/2024 13:38	SS
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 13:59	LL
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	ug/L	5.00	10.0	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 13:59	LL
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 13:59	LL
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 13:59	LL
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 13:59	LL
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 13:59	LL
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 13:59	LL
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	42.7 %	19.7-63.1								
13127-88-3	Surrogate: SURR: Phenol-d6	23.1 %	10.1-41.7								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	97.4 %	50.2-113								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	87.4 %	39.9-105								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	93.0 %	39.3-151								
1718-51-0	Surrogate: SURR: Terphenyl-d14	94.2 %	30.7-106								

Semi-Volatiles, 8270 (SIM)

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GP-15 S

York Sample ID: 24F0825-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0825

Elka

Ground Water

June 11, 2024 3:00 pm

06/12/2024

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 16:00	SS
208-96-8	Acenaphthylene	ND		ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 16:00	SS
120-12-7	Anthracene	ND		ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 16:00	SS
1912-24-9	Atrazine	ND	CAL-E	ug/L	25.0	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/17/2024 16:00	SS
56-55-3	Benzo(a)anthracene	ND		ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 16:00	SS
50-32-8	Benzo(a)pyrene	ND	CAL-E	ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 16:00	SS
205-99-2	Benzo(b)fluoranthene	ND		ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 16:00	SS
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 16:00	SS
207-08-9	Benzo(k)fluoranthene	ND		ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 16:00	SS
117-81-7	Bis(2-ethylhexyl)phthalate	ND	CAL-E	ug/L	25.0	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/17/2024 16:00	SS
218-01-9	Chrysene	ND		ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 16:00	SS
53-70-3	Dibenzo(a,h)anthracene	ND	CAL-E	ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 16:00	SS
206-44-0	Fluoranthene	ND		ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 16:00	SS
86-73-7	Fluorene	ND		ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 16:00	SS
118-74-1	Hexachlorobenzene	ND		ug/L	1.00	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/17/2024 16:00	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	25.0	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/17/2024 16:00	SS
67-72-1	Hexachloroethane	ND		ug/L	25.0	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/17/2024 16:00	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND	CAL-E	ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 16:00	SS
91-20-3	Naphthalene	47.5		ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/13/2024 08:24	06/17/2024 16:00	SS
98-95-3	Nitrobenzene	ND	CCVE, ICVE	ug/L	12.5	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/17/2024 16:00	SS
62-75-9	N-Nitrosodimethylamine	ND		ug/L	25.0	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/17/2024 16:00	SS
87-86-5	Pentachlorophenol	ND	CAL-E	ug/L	12.5	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/17/2024 16:00	SS
85-01-8	Phenanthrene	ND		ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 16:00	SS
129-00-0	Pyrene	ND		ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 16:00	SS



Sample Information

Client Sample ID: GP-16 S

York Sample ID: 24F0825-08

York Project (SDG) No.

24F0825

Client Project ID

Elka

Matrix

Ground Water

Collection Date/Time

June 11, 2024 3:00 pm

Date Received

06/12/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:20	BMC
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:20	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:20	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:20	BMC
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:20	BMC
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:20	BMC
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:20	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:20	BMC
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:20	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:20	BMC
95-63-6	1,2,4-Trimethylbenzene	24.9		ug/L	0.310	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:20	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE	ug/L	0.432	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:20	BMC
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:20	BMC
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:20	BMC
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:20	BMC
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:20	BMC
108-67-8	1,3,5-Trimethylbenzene	4.82		ug/L	0.347	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:20	BMC
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:20	BMC
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:20	BMC
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:20	BMC
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:20	BMC
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:20	BMC
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:20	BMC



Sample Information

Client Sample ID: GP-16 S

York Sample ID: 24F0825-08

York Project (SDG) No.

24F0825

Client Project ID

Elka

Matrix

Ground Water

Collection Date/Time

June 11, 2024 3:00 pm

Date Received

06/12/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:20	BMC
67-64-1	Acetone	17.6		ug/L	1.34	2.00	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:20	BMC
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:20	BMC
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:20	BMC
71-43-2	Benzene	1.58		ug/L	0.279	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:20	BMC
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:20	BMC
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:20	BMC
75-25-2	Bromoform	ND	CCVE, QL-02	ug/L	0.163	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:20	BMC
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:20	BMC
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:20	BMC
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:20	BMC
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:20	BMC
75-00-3	Chloroethane	ND	CCVE	ug/L	0.448	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:20	BMC
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:20	BMC
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:20	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:20	BMC
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:20	BMC
110-82-7	Cyclohexane	11.6	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:20	BMC
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:20	BMC
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:20	BMC
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:20	BMC
100-41-4	Ethyl Benzene	35.2		ug/L	0.290	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:20	BMC
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:20	BMC



Sample Information

Client Sample ID: GP-16 S

York Sample ID: 24F0825-08

York Project (SDG) No.

24F0825

Client Project ID

Elka

Matrix

Ground Water

Collection Date/Time

June 11, 2024 3:00 pm

Date Received

06/12/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	15.4		ug/L	0.405	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 06:10	06/19/2024 09:20	BMC
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 06:10	06/19/2024 09:20	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 06:10	06/19/2024 09:20	BMC
108-87-2	Methyleyclohexane	31.7		ug/L	0.477	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 06:10	06/19/2024 09:20	BMC
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 06:10	06/19/2024 09:20	BMC
91-20-3	Naphthalene	4.44		ug/L	0.212	2.00	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 06:10	06/19/2024 09:20	BMC
104-51-8	n-Butylbenzene	4.48		ug/L	0.399	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 06:10	06/19/2024 09:20	BMC
103-65-1	n-Propylbenzene	27.9		ug/L	0.384	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 06:10	06/19/2024 09:20	BMC
95-47-6	o-Xylene	15.5		ug/L	0.261	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04	06/19/2024 06:10	06/19/2024 09:20	BMC
179601-23-1	p- & m- Xylenes	81.2		ug/L	0.578	1.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04	06/19/2024 06:10	06/19/2024 09:20	BMC
105-05-5	* p-Diethylbenzene	5.74		ug/L	0.341	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:20	BMC
622-96-8	* p-Ethyltoluene	2.29		ug/L	0.200	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:20	BMC
99-87-6	p-Isopropyltoluene	0.620		ug/L	0.377	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 06:10	06/19/2024 09:20	BMC
135-98-8	sec-Butylbenzene	3.93		ug/L	0.444	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 06:10	06/19/2024 09:20	BMC
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 06:10	06/19/2024 09:20	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	ug/L	0.608	1.00	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 06:10	06/19/2024 09:20	BMC
98-06-6	tert-Butylbenzene	0.690		ug/L	0.367	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 06:10	06/19/2024 09:20	BMC
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 06:10	06/19/2024 09:20	BMC
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 06:10	06/19/2024 09:20	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 06:10	06/19/2024 09:20	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 06:10	06/19/2024 09:20	BMC
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 06:10	06/19/2024 09:20	BMC



Sample Information

Client Sample ID: GP-16 S

York Sample ID: 24F0825-08

York Project (SDG) No.

24F0825

Client Project ID

Elka

Matrix

Ground Water

Collection Date/Time

June 11, 2024 3:00 pm

Date Received

06/12/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 09:20	BMC
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 09:20	BMC
1330-20-7	Xylenes, Total	96.7		ug/L	0.839	1.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 09:20	BMC
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	85.9 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	106 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	92.0 %	79-122								

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

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/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/14/2024 14:33	LL
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/14/2024 14:33	LL
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 14:33	LL
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	06/13/2024 08:24	06/14/2024 14:33	LL
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/14/2024 14:33	LL
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	06/13/2024 08:24	06/14/2024 14:33	LL
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	06/13/2024 08:24	06/14/2024 14:33	LL
58-90-2	2,3,4,6-Tetrachlorophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/14/2024 14:33	LL
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 14:33	LL
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 14:33	LL
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 14:33	LL
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 14:33	LL
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 14:33	LL
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 14:33	LL



Sample Information

Client Sample ID: GP-16 S

York Sample ID: 24F0825-08

York Project (SDG) No.

24F0825

Client Project ID

Elka

Matrix

Ground Water

Collection Date/Time

June 11, 2024 3:00 pm

Date Received

06/12/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 14:33	LL
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 14:33	LL
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 14:33	LL
91-57-6	2-Methylnaphthalene	16.8		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 14:33	LL
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 14:33	LL
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 14:33	LL
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 14:33	LL
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 14:33	LL
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 14:33	LL
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 14:33	LL
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 14:33	LL
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 14:33	LL
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 14:33	LL
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 14:33	LL
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 14:33	LL
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 14:33	LL
100-02-7	4-Nitrophenol	ND	CAL-E	ug/L	5.00	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 14:33	LL
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/14/2024 14:33	LL
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/14/2024 14:33	LL
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/14/2024 14:33	LL
92-87-5	Benzidine	ND		ug/L	5.00	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 14:33	LL
65-85-0	Benzoic acid	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/14/2024 14:33	LL
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/14/2024 14:33	LL



Sample Information

Client Sample ID: GP-16 S

York Sample ID: 24F0825-08

York Project (SDG) No.

24F0825

Client Project ID

Elka

Matrix

Ground Water

Collection Date/Time

June 11, 2024 3:00 pm

Date Received

06/12/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

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/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 14:33	LL
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 14:33	LL
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 14:33	LL
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 14:33	LL
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/14/2024 14:33	LL
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 14:33	LL
132-64-9	Dibenzofuran	4.17	J	ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 14:33	LL
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 14:33	LL
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 14:33	LL
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 14:33	LL
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 14:33	LL
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	ug/L	5.00	10.0	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 14:33	LL
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 14:33	LL
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 14:33	LL
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 14:33	LL
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 14:33	LL
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 14:33	LL
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	29.8 %			19.7-63.1						
13127-88-3	Surrogate: SURR: Phenol-d6	16.9 %			10.1-41.7						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	69.5 %			50.2-113						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	63.3 %			39.9-105						
1718-51-0	Surrogate: SURR: Terphenyl-d14	97.1 %			30.7-106						

Semi-Volatiles, 8270 (SIM)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

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



Sample Information

Client Sample ID: GP-16 S

York Sample ID: 24F0825-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0825

Elka

Ground Water

June 11, 2024 3:00 pm

06/12/2024

Semi-Volatiles, 8270 (SIM)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	3.58		ug/L	0.100	2	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/13/2024 08:24	06/17/2024 16:30	SS
208-96-8	Acenaphthylene	1.20		ug/L	0.100	2	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/13/2024 08:24	06/17/2024 16:30	SS
120-12-7	Anthracene	0.760		ug/L	0.100	2	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/13/2024 08:24	06/17/2024 16:30	SS
1912-24-9	Atrazine	ND	CAL-E	ug/L	1.00	2	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/17/2024 16:30	SS
56-55-3	Benzo(a)anthracene	ND		ug/L	0.100	2	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 16:30	SS
50-32-8	Benzo(a)pyrene	ND	CAL-E	ug/L	0.100	2	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 16:30	SS
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.100	2	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 16:30	SS
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.100	2	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 16:30	SS
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.100	2	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 16:30	SS
117-81-7	Bis(2-ethylhexyl)phthalate	ND	CAL-E	ug/L	1.00	2	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/17/2024 16:30	SS
218-01-9	Chrysene	ND		ug/L	0.100	2	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 16:30	SS
53-70-3	Dibenzo(a,h)anthracene	ND	CAL-E	ug/L	0.100	2	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 16:30	SS
206-44-0	Fluoranthene	0.160		ug/L	0.100	2	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/13/2024 08:24	06/17/2024 16:30	SS
86-73-7	Fluorene	6.36		ug/L	0.100	2	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/13/2024 08:24	06/17/2024 16:30	SS
118-74-1	Hexachlorobenzene	ND		ug/L	0.0400	2	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/17/2024 16:30	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	1.00	2	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/17/2024 16:30	SS
67-72-1	Hexachloroethane	ND		ug/L	1.00	2	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/17/2024 16:30	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND	CAL-E	ug/L	0.100	2	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 16:30	SS
91-20-3	Naphthalene	3.82		ug/L	0.100	2	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/13/2024 08:24	06/17/2024 16:30	SS
98-95-3	Nitrobenzene	ND	CCVE, ICVE	ug/L	0.500	2	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/17/2024 16:30	SS
62-75-9	N-Nitrosodimethylamine	ND		ug/L	1.00	2	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/17/2024 16:30	SS
87-86-5	Pentachlorophenol	ND	CAL-E	ug/L	0.500	2	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/17/2024 16:30	SS
85-01-8	Phenanthrene	2.46		ug/L	0.100	2	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/13/2024 08:24	06/17/2024 16:30	SS



Sample Information

Client Sample ID: GP-16 S

York Sample ID: 24F0825-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0825

Elka

Ground Water

June 11, 2024 3:00 pm

06/12/2024

Semi-Volatiles, 8270 (SIM)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
129-00-0	Pyrene	0.160		ug/L	0.100	2	EPA 8270D SIM	06/13/2024 08:24	06/17/2024 16:30	SS
Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04										

Sample Information

Client Sample ID: GP-16 D

York Sample ID: 24F0825-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0825

Elka

Ground Water

June 11, 2024 3:00 pm

06/12/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 09:47	BMC
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 09:47	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 09:47	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 09:47	BMC
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 09:47	BMC
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 09:47	BMC
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 09:47	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 09:47	BMC
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 09:47	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 09:47	BMC
95-63-6	1,2,4-Trimethylbenzene	9.17		ug/L	0.310	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 09:47	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE	ug/L	0.432	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 09:47	BMC
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 09:47	BMC
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 09:47	BMC
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 09:47	BMC



Sample Information

Client Sample ID: GP-16 D

York Sample ID: 24F0825-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0825

Elka

Ground Water

June 11, 2024 3:00 pm

06/12/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:47	BMC
108-67-8	1,3,5-Trimethylbenzene	2.54		ug/L	0.347	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:47	BMC
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:47	BMC
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:47	BMC
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:47	BMC
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:47	BMC
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:47	BMC
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:47	BMC
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:47	BMC
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:47	BMC
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:47	BMC
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:47	BMC
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:47	BMC
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:47	BMC
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:47	BMC
75-25-2	Bromoform	ND	CCVE, QL-02	ug/L	0.163	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:47	BMC
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:47	BMC
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:47	BMC
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:47	BMC
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:47	BMC
75-00-3	Chloroethane	ND	CCVE	ug/L	0.448	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:47	BMC
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:47	BMC
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:47	BMC



Sample Information

Client Sample ID: GP-16 D

York Sample ID: 24F0825-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0825

Elka

Ground Water

June 11, 2024 3:00 pm

06/12/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:47	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:47	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
110-82-7	Cyclohexane	1.19	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:47	BMC
								NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:47	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:47	BMC
								NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:47	BMC
								NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
100-41-4	Ethyl Benzene	10.8		ug/L	0.290	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:47	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:47	BMC
								NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
98-82-8	Isopropylbenzene	1.58		ug/L	0.405	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:47	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C			
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:47	BMC
								NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:47	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
108-87-2	Methylcyclohexane	11.0		ug/L	0.477	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:47	BMC
								NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:47	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
91-20-3	Naphthalene	1.60	J	ug/L	0.212	2.00	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:47	BMC
								NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:47	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
103-65-1	n-Propylbenzene	3.51		ug/L	0.384	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:47	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C			
95-47-6	o-Xylene	7.46		ug/L	0.261	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:47	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68			
179601-23-1	p- & m- Xylenes	40.8		ug/L	0.578	1.00	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:47	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68			
105-05-5	* p-Diethylbenzene	1.20		ug/L	0.341	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:47	BMC
622-96-8	* p-Ethyltoluene	1.09		ug/L	0.200	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:47	BMC
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:47	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
135-98-8	sec-Butylbenzene	0.660		ug/L	0.444	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:47	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C			
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 09:47	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			



Sample Information

Client Sample ID: GP-16 D

York Sample ID: 24F0825-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0825

Elka

Ground Water

June 11, 2024 3:00 pm

06/12/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	ug/L	0.608	1.00	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 06:10	06/19/2024 09:47	BMC
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 09:47	BMC
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 09:47	BMC
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 09:47	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 09:47	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 09:47	BMC
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 09:47	BMC
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 09:47	BMC
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 09:47	BMC
1330-20-7	Xylenes, Total	48.3		ug/L	0.839	1.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 09:47	BMC
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	92.1 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	105 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	95.4 %	79-122								

Sample Information

Client Sample ID: TB-1

York Sample ID: 24F0825-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0825

Elka

Ground Water

June 11, 2024 3:00 pm

06/12/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 06:00	06/14/2024 13:57	AC
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 06:00	06/14/2024 13:57	AC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 06:00	06/14/2024 13:57	AC



Sample Information

Client Sample ID: TB-1

York Sample ID: 24F0825-10

York Project (SDG) No.

24F0825

Client Project ID

Elka

Matrix

Ground Water

Collection Date/Time

June 11, 2024 3:00 pm

Date Received

06/12/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 13:57	AC
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 13:57	AC
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 13:57	AC
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 13:57	AC
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/14/2024 13:57	AC
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/14/2024 13:57	AC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/14/2024 13:57	AC
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 13:57	AC
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 13:57	AC
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 13:57	AC
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 13:57	AC
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 13:57	AC
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 13:57	AC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 13:57	AC
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 13:57	AC
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/14/2024 13:57	AC
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 13:57	AC
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications:	06/14/2024 06:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/14/2024 13:57	AC
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 13:57	AC
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 13:57	AC
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 13:57	AC
67-64-1	Acetone	1.40	J	ug/L	1.34	2.00	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 13:57	AC
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 13:57	AC



Sample Information

Client Sample ID: TB-1

York Sample ID: 24F0825-10

York Project (SDG) No.

24F0825

Client Project ID

Elka

Matrix

Ground Water

Collection Date/Time

June 11, 2024 3:00 pm

Date Received

06/12/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 13:57	AC
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 13:57	AC
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/14/2024 13:57	AC
75-27-4	Bromodichloromethane	ND	QL-02	ug/L	0.245	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 13:57	AC
75-25-2	Bromoform	ND	CCVE, QL-02	ug/L	0.163	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 13:57	AC
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 13:57	AC
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 13:57	AC
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 13:57	AC
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 13:57	AC
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 13:57	AC
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 13:57	AC
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 13:57	AC
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 13:57	AC
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 13:57	AC
110-82-7	Cyclohexane	ND	QL-02	ug/L	0.491	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/14/2024 13:57	AC
124-48-1	Dibromochloromethane	ND	QL-02	ug/L	0.146	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 13:57	AC
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/14/2024 13:57	AC
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/14/2024 13:57	AC
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 13:57	AC
87-68-3	Hexachlorobutadiene	ND	CCVE, QL-02	ug/L	0.241	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/14/2024 13:57	AC
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 13:57	AC
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/14/2024 13:57	AC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 13:57	AC



Sample Information

Client Sample ID: TB-1

York Sample ID: 24F0825-10

York Project (SDG) No.

24F0825

Client Project ID

Elka

Matrix

Ground Water

Collection Date/Time

June 11, 2024 3:00 pm

Date Received

06/12/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/14/2024 06:00	06/14/2024 13:57	AC
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 06:00	06/14/2024 13:57	AC
91-20-3	Naphthalene	0.350	J, B	ug/L	0.212	2.00	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/14/2024 06:00	06/14/2024 13:57	AC
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 06:00	06/14/2024 13:57	AC
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 06:00	06/14/2024 13:57	AC
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	06/14/2024 06:00	06/14/2024 13:57	AC
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	06/14/2024 06:00	06/14/2024 13:57	AC
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00	06/14/2024 13:57	AC
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications:	06/14/2024 06:00	06/14/2024 13:57	AC
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 06:00	06/14/2024 13:57	AC
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 06:00	06/14/2024 13:57	AC
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 06:00	06/14/2024 13:57	AC
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/14/2024 06:00	06/14/2024 13:57	AC
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 06:00	06/14/2024 13:57	AC
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 06:00	06/14/2024 13:57	AC
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 06:00	06/14/2024 13:57	AC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 06:00	06/14/2024 13:57	AC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 06:00	06/14/2024 13:57	AC
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 06:00	06/14/2024 13:57	AC
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 06:00	06/14/2024 13:57	AC
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 06:00	06/14/2024 13:57	AC
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 06:00	06/14/2024 13:57	AC
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	87.5 %	69-130								



Sample Information

Client Sample ID: TB-1

York Sample ID: 24F0825-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0825

Elka

Ground Water

June 11, 2024 3:00 pm

06/12/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	Surrogate: SURR: Toluene-d8	96.1 %			81-117						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	99.2 %			79-122						

Sample Information

Client Sample ID: GP-7 S

York Sample ID: 24F0825-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0825

Elka

Ground Water

June 11, 2024 3:00 pm

06/12/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.432	1.00	2	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:09	06/20/2024 12:07	BMC
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.532	1.00	2	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:09	06/20/2024 12:07	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.512	1.00	2	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:09	06/20/2024 12:07	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.572	1.00	2	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:09	06/20/2024 12:07	BMC
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.498	1.00	2	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:09	06/20/2024 12:07	BMC
75-34-3	1,1-Dichloroethane	ND		ug/L	0.544	1.00	2	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:09	06/20/2024 12:07	BMC
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.654	1.00	2	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:09	06/20/2024 12:07	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.444	1.00	2	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 09:09	06/20/2024 12:07	BMC
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.546	1.00	2	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 09:09	06/20/2024 12:07	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.276	1.00	2	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 09:09	06/20/2024 12:07	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.864	1.00	2	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:09	06/20/2024 12:07	BMC
106-93-4	1,2-Dibromoethane	ND		ug/L	0.430	1.00	2	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:09	06/20/2024 12:07	BMC
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.540	1.00	2	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:09	06/20/2024 12:07	BMC
107-06-2	1,2-Dichloroethane	ND		ug/L	0.754	1.00	2	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:09	06/20/2024 12:07	BMC
78-87-5	1,2-Dichloropropane	ND		ug/L	0.654	1.00	2	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:09	06/20/2024 12:07	BMC



Sample Information

Client Sample ID: GP-7 S

York Sample ID: 24F0825-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0825

Elka

Ground Water

June 11, 2024 3:00 pm

06/12/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	481		ug/L	1.74	2.50	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 09:09	06/19/2024 14:10	BMC
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.566	1.00	2	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 09:09	06/20/2024 12:07	BMC
142-28-9	1,3-Dichloropropane	ND		ug/L	0.520	1.00	2	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 09:09	06/20/2024 12:07	BMC
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.622	1.00	2	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 09:09	06/20/2024 12:07	BMC
123-91-1	1,4-Dioxane	ND		ug/L	70.5	160	2	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 09:09	06/20/2024 12:07	BMC
78-93-3	2-Butanone	ND		ug/L	0.842	1.00	2	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 09:09	06/20/2024 12:07	BMC
591-78-6	2-Hexanone	ND		ug/L	0.640	1.00	2	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 09:09	06/20/2024 12:07	BMC
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.730	1.00	2	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 09:09	06/20/2024 12:07	BMC
67-64-1	Acetone	ND		ug/L	2.68	4.00	2	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 09:09	06/20/2024 12:07	BMC
107-02-8	Acrolein	ND	ICVE	ug/L	0.894	1.00	2	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 09:09	06/20/2024 12:07	BMC
107-13-1	Acrylonitrile	ND		ug/L	0.844	1.00	2	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 09:09	06/20/2024 12:07	BMC
71-43-2	Benzene	ND		ug/L	0.558	1.00	2	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 09:09	06/20/2024 12:07	BMC
74-97-5	Bromochloromethane	ND		ug/L	0.708	1.00	2	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 09:09	06/20/2024 12:07	BMC
75-27-4	Bromodichloromethane	ND		ug/L	0.490	1.00	2	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 09:09	06/20/2024 12:07	BMC
75-25-2	Bromoform	ND		ug/L	0.326	1.00	2	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 09:09	06/20/2024 12:07	BMC
74-83-9	Bromomethane	ND	CCVE	ug/L	0.238	1.00	2	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 09:09	06/20/2024 12:07	BMC
75-15-0	Carbon disulfide	ND		ug/L	0.724	1.00	2	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 09:09	06/20/2024 12:07	BMC
56-23-5	Carbon tetrachloride	ND		ug/L	0.408	1.00	2	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 09:09	06/20/2024 12:07	BMC
108-90-7	Chlorobenzene	ND		ug/L	0.568	1.00	2	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 09:09	06/20/2024 12:07	BMC
75-00-3	Chloroethane	ND	CCVE	ug/L	0.896	1.00	2	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 09:09	06/20/2024 12:07	BMC
67-66-3	Chloroform	ND		ug/L	0.486	1.00	2	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 09:09	06/20/2024 12:07	BMC
74-87-3	Chloromethane	ND	CCVE	ug/L	0.744	1.00	2	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 09:09	06/20/2024 12:07	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.588	1.00	2	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 09:09	06/20/2024 12:07	BMC



Sample Information

Client Sample ID: GP-7 S

York Sample ID: 24F0825-11

York Project (SDG) No.

24F0825

Client Project ID

Elka

Matrix

Ground Water

Collection Date/Time

June 11, 2024 3:00 pm

Date Received

06/12/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.524	1.00	2	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:09	06/20/2024 12:07	BMC
110-82-7	Cyclohexane	4.34	ICVE, QL-02	ug/L	0.982	1.00	2	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 09:09	06/20/2024 12:07	BMC
124-48-1	Dibromochloromethane	ND		ug/L	0.292	1.00	2	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:09	06/20/2024 12:07	BMC
74-95-3	Dibromomethane	ND		ug/L	0.406	1.00	2	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 09:09	06/20/2024 12:07	BMC
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.902	1.00	2	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 09:09	06/20/2024 12:07	BMC
100-41-4	Ethyl Benzene	256		ug/L	0.580	1.00	2	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:09	06/20/2024 12:07	BMC
87-68-3	Hexachlorobutadiene	ND		ug/L	0.482	1.00	2	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 09:09	06/20/2024 12:07	BMC
98-82-8	Isopropylbenzene	73.2		ug/L	0.810	1.00	2	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:09	06/20/2024 12:07	BMC
79-20-9	Methyl acetate	ND		ug/L	0.884	1.00	2	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 09:09	06/20/2024 12:07	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.488	1.00	2	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:09	06/20/2024 12:07	BMC
108-87-2	Methylcyclohexane	78.6		ug/L	0.954	1.00	2	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 09:09	06/20/2024 12:07	BMC
75-09-2	Methylene chloride	ND		ug/L	0.794	4.00	2	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:09	06/20/2024 12:07	BMC
91-20-3	Naphthalene	72.4		ug/L	0.424	4.00	2	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 09:09	06/20/2024 12:07	BMC
104-51-8	n-Butylbenzene	ND		ug/L	0.798	1.00	2	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:09	06/20/2024 12:07	BMC
103-65-1	n-Propylbenzene	212		ug/L	0.768	1.00	2	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:09	06/20/2024 12:07	BMC
95-47-6	o-Xylene	274		ug/L	0.522	1.00	2	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	06/20/2024 09:09	06/20/2024 12:07	BMC
179601-23-1	p- & m- Xylenes	1090		ug/L	2.89	5.00	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	06/19/2024 09:09	06/19/2024 14:10	BMC
105-05-5	* p-Diethylbenzene	51.9		ug/L	0.682	1.00	2	EPA 8260D Certifications:	06/20/2024 09:09	06/20/2024 12:07	BMC
622-96-8	* p-Ethyltoluene	353		ug/L	1.00	2.50	5	EPA 8260D Certifications:	06/19/2024 09:09	06/19/2024 14:10	BMC
99-87-6	p-Isopropyltoluene	10.4		ug/L	0.754	1.00	2	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:09	06/20/2024 12:07	BMC
135-98-8	sec-Butylbenzene	11.2		ug/L	0.888	1.00	2	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:09	06/20/2024 12:07	BMC
100-42-5	Styrene	8.92		ug/L	0.510	1.00	2	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:09	06/20/2024 12:07	BMC



Sample Information

Client Sample ID: GP-7 S

York Sample ID: 24F0825-11

York Project (SDG) No.

24F0825

Client Project ID

Elka

Matrix

Ground Water

Collection Date/Time

June 11, 2024 3:00 pm

Date Received

06/12/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	1.22	2.00	2	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/20/2024 09:09	06/20/2024 12:07	BMC
98-06-6	tert-Butylbenzene	1.92		ug/L	0.734	1.00	2	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:09	06/20/2024 12:07	BMC
127-18-4	Tetrachloroethylene	1.06		ug/L	0.478	1.00	2	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:09	06/20/2024 12:07	BMC
108-88-3	Toluene	ND		ug/L	0.692	1.00	2	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:09	06/20/2024 12:07	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.558	1.00	2	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:09	06/20/2024 12:07	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.458	1.00	2	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:09	06/20/2024 12:07	BMC
79-01-6	Trichloroethylene	0.540	J	ug/L	0.498	1.00	2	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:09	06/20/2024 12:07	BMC
75-69-4	Trichlorofluoromethane	ND		ug/L	0.674	1.00	2	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:09	06/20/2024 12:07	BMC
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.938	1.00	2	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/20/2024 09:09	06/20/2024 12:07	BMC
1330-20-7	Xylenes, Total	1380		ug/L	4.20	7.50	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 09:09	06/19/2024 14:10	BMC
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	84.4 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	107 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	98.1 %	79-122								

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

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/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/14/2024 15:09	LL
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/14/2024 15:09	LL
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 15:09	LL
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	06/13/2024 08:24	06/14/2024 15:09	LL
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/14/2024 15:09	LL
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	06/13/2024 08:24	06/14/2024 15:09	LL
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	06/13/2024 08:24	06/14/2024 15:09	LL



Sample Information

Client Sample ID: GP-7 S

York Sample ID: 24F0825-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0825

Elka

Ground Water

June 11, 2024 3:00 pm

06/12/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/14/2024 15:09	LL
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 15:09	LL
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 15:09	LL
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 15:09	LL
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 15:09	LL
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 15:09	LL
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 15:09	LL
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 15:09	LL
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 15:09	LL
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 15:09	LL
91-57-6	2-Methylnaphthalene	5.16		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 15:09	LL
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 15:09	LL
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 15:09	LL
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 15:09	LL
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 15:09	LL
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 15:09	LL
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 15:09	LL
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 15:09	LL
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 15:09	LL
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 15:09	LL
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 15:09	LL
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 15:09	LL
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 15:09	LL



Sample Information

Client Sample ID: GP-7 S

York Sample ID: 24F0825-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0825

Elka

Ground Water

June 11, 2024 3:00 pm

06/12/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND	CAL-E	ug/L	5.00	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 15:09	LL
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/14/2024 15:09	LL
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/14/2024 15:09	LL
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/14/2024 15:09	LL
92-87-5	Benzidine	ND		ug/L	5.00	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 15:09	LL
65-85-0	Benzoic acid	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/14/2024 15:09	LL
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/14/2024 15:09	LL
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 15:09	LL
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 15:09	LL
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 15:09	LL
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 15:09	LL
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/14/2024 15:09	LL
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 15:09	LL
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 15:09	LL
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 15:09	LL
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 15:09	LL
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 15:09	LL
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 15:09	LL
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	ug/L	5.00	10.0	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 15:09	LL
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 15:09	LL
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 15:09	LL
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 15:09	LL
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 15:09	LL



Sample Information

Client Sample ID: GP-7 S

York Sample ID: 24F0825-11

York Project (SDG) No.

24F0825

Client Project ID

Elka

Matrix

Ground Water

Collection Date/Time

June 11, 2024 3:00 pm

Date Received

06/12/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 15:09	LL
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	28.2 %	19.7-63.1								
13127-88-3	Surrogate: SURR: Phenol-d6	14.6 %	10.1-41.7								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	62.5 %	50.2-113								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	56.2 %	39.9-105								
1718-51-0	Surrogate: SURR: Terphenyl-d14	67.2 %	30.7-106								

Semi-Volatiles, 8270 (SIM)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 17:00	SS
208-96-8	Acenaphthylene	ND		ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 17:00	SS
120-12-7	Anthracene	ND		ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 17:00	SS
1912-24-9	Atrazine	ND	CAL-E	ug/L	25.0	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/17/2024 17:00	SS
56-55-3	Benzo(a)anthracene	ND		ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 17:00	SS
50-32-8	Benzo(a)pyrene	ND	CAL-E	ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 17:00	SS
205-99-2	Benzo(b)fluoranthene	ND		ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 17:00	SS
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 17:00	SS
207-08-9	Benzo(k)fluoranthene	ND		ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 17:00	SS
117-81-7	Bis(2-ethylhexyl)phthalate	ND	CAL-E	ug/L	25.0	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/17/2024 17:00	SS
218-01-9	Chrysene	ND		ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 17:00	SS
53-70-3	Dibenzo(a,h)anthracene	ND	CAL-E	ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 17:00	SS
206-44-0	Fluoranthene	ND		ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 17:00	SS
86-73-7	Fluorene	ND		ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 17:00	SS
118-74-1	Hexachlorobenzene	ND		ug/L	1.00	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/17/2024 17:00	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	25.0	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/17/2024 17:00	SS



Sample Information

Client Sample ID: GP-7 S

York Sample ID: 24F0825-11

York Project (SDG) No.

24F0825

Client Project ID

Elka

Matrix

Ground Water

Collection Date/Time

June 11, 2024 3:00 pm

Date Received

06/12/2024

Semi-Volatiles, 8270 (SIM)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-72-1	Hexachloroethane	ND		ug/L	25.0	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/17/2024 17:00	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND	CAL-E	ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 17:00	SS
91-20-3	Naphthalene	31.0		ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/13/2024 08:24	06/17/2024 17:00	SS
98-95-3	Nitrobenzene	ND	CCVE, ICVE	ug/L	12.5	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/17/2024 17:00	SS
62-75-9	N-Nitrosodimethylamine	ND		ug/L	25.0	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/17/2024 17:00	SS
87-86-5	Pentachlorophenol	ND	CAL-E	ug/L	12.5	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/17/2024 17:00	SS
85-01-8	Phenanthrene	ND		ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 17:00	SS
129-00-0	Pyrene	ND		ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 17:00	SS

Sample Information

Client Sample ID: GP-8 S

York Sample ID: 24F0825-12

York Project (SDG) No.

24F0825

Client Project ID

Elka

Matrix

Ground Water

Collection Date/Time

June 11, 2024 3:00 pm

Date Received

06/12/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 10:14	BMC
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 10:14	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 10:14	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 10:14	BMC
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 10:14	BMC
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 10:14	BMC
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 10:14	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 06:10	06/19/2024 10:14	BMC



Sample Information

Client Sample ID: GP-8 S

York Sample ID: 24F0825-12

York Project (SDG) No.

24F0825

Client Project ID

Elka

Matrix

Ground Water

Collection Date/Time

June 11, 2024 3:00 pm

Date Received

06/12/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 06:10	06/19/2024 10:14	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 06:10	06/19/2024 10:14	BMC
95-63-6	1,2,4-Trimethylbenzene	5.17		ug/L	0.310	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 10:14	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE	ug/L	0.432	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 10:14	BMC
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 10:14	BMC
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 10:14	BMC
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 10:14	BMC
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 10:14	BMC
108-67-8	1,3,5-Trimethylbenzene	1.50		ug/L	0.347	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 10:14	BMC
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 10:14	BMC
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 06:10	06/19/2024 10:14	BMC
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 10:14	BMC
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 06:10	06/19/2024 10:14	BMC
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 10:14	BMC
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 10:14	BMC
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 10:14	BMC
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 10:14	BMC
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 10:14	BMC
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 10:14	BMC
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 10:14	BMC
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 06:10	06/19/2024 10:14	BMC
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 10:14	BMC
75-25-2	Bromoform	ND	CCVE, QL-02	ug/L	0.163	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 10:14	BMC



Sample Information

Client Sample ID: GP-8 S

York Sample ID: 24F0825-12

York Project (SDG) No.

24F0825

Client Project ID

Elka

Matrix

Ground Water

Collection Date/Time

June 11, 2024 3:00 pm

Date Received

06/12/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 10:14	BMC
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 10:14	BMC
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 10:14	BMC
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 10:14	BMC
75-00-3	Chloroethane	ND	CCVE	ug/L	0.448	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 10:14	BMC
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 10:14	BMC
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 10:14	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 10:14	BMC
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 10:14	BMC
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 10:14	BMC
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 10:14	BMC
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 10:14	BMC
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 10:14	BMC
100-41-4	Ethyl Benzene	4.77		ug/L	0.290	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 10:14	BMC
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 10:14	BMC
98-82-8	Isopropylbenzene	0.710		ug/L	0.405	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 10:14	BMC
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 10:14	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 10:14	BMC
108-87-2	Methylcyclohexane	3.97		ug/L	0.477	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 10:14	BMC
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 10:14	BMC
91-20-3	Naphthalene	0.810	J	ug/L	0.212	2.00	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 10:14	BMC
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 10:14	BMC
103-65-1	n-Propylbenzene	1.79		ug/L	0.384	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 10:14	BMC



Sample Information

Client Sample ID: GP-8 S		York Sample ID: 24F0825-12			
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24F0825	Elka	Ground Water	June 11, 2024 3:00 pm	06/12/2024	

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

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	3.30		ug/L	0.261	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	06/19/2024 06:10	06/19/2024 10:14	BMC
179601-23-1	p- & m- Xylenes	18.3		ug/L	0.578	1.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	06/19/2024 06:10	06/19/2024 10:14	BMC
105-05-5	* p-Diethylbenzene	1.01		ug/L	0.341	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 10:14	BMC
622-96-8	* p-Ethyltoluene	0.850		ug/L	0.200	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 10:14	BMC
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 10:14	BMC
135-98-8	sec-Butylbenzene	0.550		ug/L	0.444	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	06/19/2024 06:10	06/19/2024 10:14	BMC
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 10:14	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	ug/L	0.608	1.00	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 06:10	06/19/2024 10:14	BMC
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 10:14	BMC
127-18-4	Tetrachloroethylene	0.250	J	ug/L	0.239	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	06/19/2024 06:10	06/19/2024 10:14	BMC
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 10:14	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 10:14	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 10:14	BMC
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 10:14	BMC
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 10:14	BMC
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 10:14	BMC
1330-20-7	Xylenes, Total	21.6		ug/L	0.839	1.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	06/19/2024 06:10	06/19/2024 10:14	BMC
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	93.9 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	103 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	94.3 %	79-122								

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120 RESEARCH DRIVE		STRATFORD, CT 06615		■		132-02 89th AVENUE		RICHMOND HILL, NY 11418			
www.YORKLAB.com		(203) 325-1371				FAX (203) 357-0166		ClientServices@			



Sample Information

Client Sample ID: GP-8 S

York Sample ID: 24F0825-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0825

Elka

Ground Water

June 11, 2024 3:00 pm

06/12/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

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/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/14/2024 15:44	LL
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/14/2024 15:44	LL
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 15:44	LL
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	06/13/2024 08:24	06/14/2024 15:44	LL
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/14/2024 15:44	LL
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	06/13/2024 08:24	06/14/2024 15:44	LL
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	06/13/2024 08:24	06/14/2024 15:44	LL
58-90-2	2,3,4,6-Tetrachlorophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/14/2024 15:44	LL
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 15:44	LL
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 15:44	LL
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 15:44	LL
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 15:44	LL
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 15:44	LL
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 15:44	LL
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 15:44	LL
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 15:44	LL
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 15:44	LL
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 15:44	LL
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 15:44	LL
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 15:44	LL
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 15:44	LL
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 15:44	LL
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 15:44	LL



Sample Information

Client Sample ID: GP-8 S

York Sample ID: 24F0825-12

York Project (SDG) No.

24F0825

Client Project ID

Elka

Matrix

Ground Water

Collection Date/Time

June 11, 2024 3:00 pm

Date Received

06/12/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 15:44	LL
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 15:44	LL
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 15:44	LL
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 15:44	LL
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 15:44	LL
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 15:44	LL
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 15:44	LL
100-02-7	4-Nitrophenol	ND	CAL-E	ug/L	5.00	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 15:44	LL
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/14/2024 15:44	LL
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/14/2024 15:44	LL
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/14/2024 15:44	LL
92-87-5	Benzidine	ND		ug/L	5.00	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 15:44	LL
65-85-0	Benzoic acid	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/14/2024 15:44	LL
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/14/2024 15:44	LL
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 15:44	LL
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 15:44	LL
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 15:44	LL
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 15:44	LL
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/14/2024 15:44	LL
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 15:44	LL
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 15:44	LL
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 15:44	LL
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 15:44	LL



Sample Information

Client Sample ID: GP-8 S

York Sample ID: 24F0825-12

York Project (SDG) No.

24F0825

Client Project ID

Elka

Matrix

Ground Water

Collection Date/Time

June 11, 2024 3:00 pm

Date Received

06/12/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 15:44	LL
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 15:44	LL
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	ug/L	5.00	10.0	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 15:44	LL
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 15:44	LL
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 15:44	LL
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 15:44	LL
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 15:44	LL
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 15:44	LL
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	39.9 %	19.7-63.1								
13127-88-3	Surrogate: SURR: Phenol-d6	21.4 %	10.1-41.7								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	88.2 %	50.2-113								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	79.9 %	39.9-105								
1718-51-0	Surrogate: SURR: Terphenyl-d14	96.2 %	30.7-106								

Semi-Volatiles, 8270 (SIM)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 12:58	SS
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 12:58	SS
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 12:58	SS
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/14/2024 12:58	SS
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 12:58	SS
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 12:58	SS
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 12:58	SS
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 12:58	SS
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 12:58	SS



Sample Information

Client Sample ID: GP-8 S		York Sample ID: 24F0825-12			
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24F0825	Elka	Ground Water	June 11, 2024 3:00 pm	06/12/2024	

Semi-Volatiles, 8270 (SIM)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/14/2024 12:58	SS
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 12:58	SS
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 12:58	SS
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 12:58	SS
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 12:58	SS
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/14/2024 12:58	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/14/2024 12:58	SS
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/14/2024 12:58	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 12:58	SS
91-20-3	Naphthalene	0.470		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 12:58	SS
98-95-3	Nitrobenzene	ND		ug/L	0.250	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/14/2024 12:58	SS
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/14/2024 12:58	SS
87-86-5	Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/14/2024 12:58	SS
85-01-8	Phenanthrene	0.0500		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 12:58	SS
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 12:58	SS

Sample Information

Client Sample ID: GW-15		York Sample ID: 24F0825-13			
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24F0825	Elka	Ground Water	June 11, 2024 3:00 pm	06/12/2024	

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	1.08	2.50	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 15:04	BMC



Sample Information

Client Sample ID: GW-15

York Sample ID: 24F0825-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0825

Elka

Ground Water

June 11, 2024 3:00 pm

06/12/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

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/L	1.33	2.50	5	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 15:04	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	1.28	2.50	5	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 15:04	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	1.43	2.50	5	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 15:04	BMC
79-00-5	1,1,2-Trichloroethane	ND		ug/L	1.24	2.50	5	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 15:04	BMC
75-34-3	1,1-Dichloroethane	ND		ug/L	1.36	2.50	5	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 15:04	BMC
75-35-4	1,1-Dichloroethylene	ND		ug/L	1.64	2.50	5	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 15:04	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	1.11	2.50	5	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 15:04	BMC
96-18-4	1,2,3-Trichloropropane	ND		ug/L	1.36	2.50	5	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 15:04	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.690	2.50	5	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 15:04	BMC
95-63-6	1,2,4-Trimethylbenzene	582		ug/L	15.5	25.0	50	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 15:31	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE	ug/L	2.16	2.50	5	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 15:04	BMC
106-93-4	1,2-Dibromoethane	ND		ug/L	1.08	2.50	5	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 15:04	BMC
95-50-1	1,2-Dichlorobenzene	2.05	J	ug/L	1.35	2.50	5	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 15:04	BMC
107-06-2	1,2-Dichloroethane	ND		ug/L	1.88	2.50	5	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 15:04	BMC
78-87-5	1,2-Dichloropropane	ND		ug/L	1.64	2.50	5	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 15:04	BMC
108-67-8	1,3,5-Trimethylbenzene	234		ug/L	1.74	2.50	5	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 15:04	BMC
541-73-1	1,3-Dichlorobenzene	ND		ug/L	1.42	2.50	5	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 15:04	BMC
142-28-9	1,3-Dichloropropane	ND		ug/L	1.30	2.50	5	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 15:04	BMC
106-46-7	1,4-Dichlorobenzene	ND		ug/L	1.56	2.50	5	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 15:04	BMC
123-91-1	1,4-Dioxane	ND		ug/L	176	400	5	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 15:04	BMC
78-93-3	2-Butanone	ND		ug/L	2.10	2.50	5	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 15:04	BMC
591-78-6	2-Hexanone	ND		ug/L	1.60	2.50	5	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 15:04	BMC
108-10-1	4-Methyl-2-pentanone	ND		ug/L	1.82	2.50	5	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 15:04	BMC



Sample Information

Client Sample ID: GW-15

York Sample ID: 24F0825-13

York Project (SDG) No.

24F0825

Client Project ID

Elka

Matrix

Ground Water

Collection Date/Time

June 11, 2024 3:00 pm

Date Received

06/12/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		ug/L	6.70	10.0	5	EPA 8260D Certifications:	06/19/2024 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 15:04	BMC
107-02-8	Acrolein	ND	ICVE	ug/L	2.24	2.50	5	EPA 8260D Certifications:	06/19/2024 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 15:04	BMC
107-13-1	Acrylonitrile	ND		ug/L	2.11	2.50	5	EPA 8260D Certifications:	06/19/2024 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 15:04	BMC
71-43-2	Benzene	11.4		ug/L	1.40	2.50	5	EPA 8260D Certifications:	06/19/2024 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 15:04	BMC
74-97-5	Bromochloromethane	ND		ug/L	1.77	2.50	5	EPA 8260D Certifications:	06/19/2024 06:10 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 15:04	BMC
75-27-4	Bromodichloromethane	ND		ug/L	1.22	2.50	5	EPA 8260D Certifications:	06/19/2024 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 15:04	BMC
75-25-2	Bromoform	ND	CCVE, QL-02	ug/L	0.815	2.50	5	EPA 8260D Certifications:	06/19/2024 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 15:04	BMC
74-83-9	Bromomethane	ND	CCVE	ug/L	0.595	2.50	5	EPA 8260D Certifications:	06/19/2024 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 15:04	BMC
75-15-0	Carbon disulfide	ND		ug/L	1.81	2.50	5	EPA 8260D Certifications:	06/19/2024 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 15:04	BMC
56-23-5	Carbon tetrachloride	ND		ug/L	1.02	2.50	5	EPA 8260D Certifications:	06/19/2024 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 15:04	BMC
108-90-7	Chlorobenzene	6.35		ug/L	1.42	2.50	5	EPA 8260D Certifications:	06/19/2024 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 15:04	BMC
75-00-3	Chloroethane	ND	CCVE	ug/L	2.24	2.50	5	EPA 8260D Certifications:	06/19/2024 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 15:04	BMC
67-66-3	Chloroform	ND		ug/L	1.22	2.50	5	EPA 8260D Certifications:	06/19/2024 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 15:04	BMC
74-87-3	Chloromethane	ND	CCVE	ug/L	1.86	2.50	5	EPA 8260D Certifications:	06/19/2024 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 15:04	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	1.47	2.50	5	EPA 8260D Certifications:	06/19/2024 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 15:04	BMC
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	1.31	2.50	5	EPA 8260D Certifications:	06/19/2024 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 15:04	BMC
110-82-7	Cyclohexane	158	ICVE, QL-02	ug/L	2.46	2.50	5	EPA 8260D Certifications:	06/19/2024 06:10 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 15:04	BMC
124-48-1	Dibromochloromethane	ND		ug/L	0.730	2.50	5	EPA 8260D Certifications:	06/19/2024 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 15:04	BMC
74-95-3	Dibromomethane	ND		ug/L	1.02	2.50	5	EPA 8260D Certifications:	06/19/2024 06:10 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 15:04	BMC
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	2.26	2.50	5	EPA 8260D Certifications:	06/19/2024 06:10 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 15:04	BMC
100-41-4	Ethyl Benzene	1040		ug/L	14.5	25.0	50	EPA 8260D Certifications:	06/19/2024 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 15:31	BMC
87-68-3	Hexachlorobutadiene	ND		ug/L	1.20	2.50	5	EPA 8260D Certifications:	06/19/2024 06:10 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 15:04	BMC
98-82-8	Isopropylbenzene	151		ug/L	2.02	2.50	5	EPA 8260D Certifications:	06/19/2024 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 15:04	BMC



Sample Information

Client Sample ID: GW-15

York Sample ID: 24F0825-13

York Project (SDG) No.

24F0825

Client Project ID

Elka

Matrix

Ground Water

Collection Date/Time

June 11, 2024 3:00 pm

Date Received

06/12/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/L	2.21	2.50	5	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 06:10	06/19/2024 15:04	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	1.22	2.50	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 15:04	BMC
108-87-2	Methylcyclohexane	852		ug/L	23.8	25.0	50	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 06:10	06/19/2024 15:31	BMC
75-09-2	Methylene chloride	ND		ug/L	1.98	10.0	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 15:04	BMC
91-20-3	Naphthalene	163		ug/L	1.06	10.0	5	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 06:10	06/19/2024 15:04	BMC
104-51-8	n-Butylbenzene	25.3		ug/L	2.00	2.50	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 15:04	BMC
103-65-1	n-Propylbenzene	288		ug/L	1.92	2.50	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 15:04	BMC
95-47-6	o-Xylene	884		ug/L	13.0	25.0	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04	06/19/2024 06:10	06/19/2024 15:31	BMC
179601-23-1	p- & m- Xylenes	3930		ug/L	28.9	50.0	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04	06/19/2024 06:10	06/19/2024 15:31	BMC
105-05-5	* p-Diethylbenzene	35.6		ug/L	1.70	2.50	5	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 15:04	BMC
622-96-8	* p-Ethyltoluene	58.8		ug/L	1.00	2.50	5	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 15:04	BMC
99-87-6	p-Isopropyltoluene	8.00		ug/L	1.88	2.50	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 15:04	BMC
135-98-8	sec-Butylbenzene	33.3		ug/L	2.22	2.50	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 15:04	BMC
100-42-5	Styrene	ND		ug/L	1.28	2.50	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 15:04	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	ug/L	3.04	5.00	5	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 06:10	06/19/2024 15:04	BMC
98-06-6	tert-Butylbenzene	3.25		ug/L	1.84	2.50	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 15:04	BMC
127-18-4	Tetrachloroethylene	1.45	J	ug/L	1.20	2.50	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 15:04	BMC
108-88-3	Toluene	13.1		ug/L	1.73	2.50	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 15:04	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	1.40	2.50	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 15:04	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	1.14	2.50	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 15:04	BMC
79-01-6	Trichloroethylene	ND		ug/L	1.24	2.50	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 15:04	BMC
75-69-4	Trichlorofluoromethane	ND		ug/L	1.68	2.50	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 15:04	BMC



Sample Information

Client Sample ID: GW-15

York Sample ID: 24F0825-13

York Project (SDG) No.

24F0825

Client Project ID

Elka

Matrix

Ground Water

Collection Date/Time

June 11, 2024 3:00 pm

Date Received

06/12/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	2.34	2.50	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 15:04	BMC
1330-20-7	Xylenes, Total	4810		ug/L	42.0	75.0	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 15:31	BMC
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	75.4 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	106 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	88.7 %	79-122								

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

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/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/14/2024 16:19	LL
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/14/2024 16:19	LL
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 16:19	LL
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	06/13/2024 08:24	06/14/2024 16:19	LL
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/14/2024 16:19	LL
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	06/13/2024 08:24	06/14/2024 16:19	LL
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	06/13/2024 08:24	06/14/2024 16:19	LL
58-90-2	2,3,4,6-Tetrachlorophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/14/2024 16:19	LL
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 16:19	LL
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 16:19	LL
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 16:19	LL
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 16:19	LL
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 16:19	LL
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 16:19	LL
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 16:19	LL



Sample Information

Client Sample ID: GW-15

York Sample ID: 24F0825-13

York Project (SDG) No.

24F0825

Client Project ID

Elka

Matrix

Ground Water

Collection Date/Time

June 11, 2024 3:00 pm

Date Received

06/12/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 16:19	LL
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 16:19	LL
91-57-6	2-Methylnaphthalene	27.0		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 16:19	LL
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 16:19	LL
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 16:19	LL
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 16:19	LL
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 16:19	LL
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 16:19	LL
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 16:19	LL
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 16:19	LL
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 16:19	LL
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 16:19	LL
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 16:19	LL
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 16:19	LL
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 16:19	LL
100-02-7	4-Nitrophenol	ND	CAL-E	ug/L	5.00	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 16:19	LL
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/14/2024 16:19	LL
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/14/2024 16:19	LL
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/14/2024 16:19	LL
92-87-5	Benzidine	ND		ug/L	5.00	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 16:19	LL
65-85-0	Benzoic acid	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/14/2024 16:19	LL
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/14/2024 16:19	LL
85-68-7	Benzyl butyl phthalate	3.91	J	ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 16:19	LL



Sample Information

Client Sample ID: GW-15

York Sample ID: 24F0825-13

York Project (SDG) No.

24F0825

Client Project ID

Elka

Matrix

Ground Water

Collection Date/Time

June 11, 2024 3:00 pm

Date Received

06/12/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 16:19	LL
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 16:19	LL
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 16:19	LL
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/14/2024 16:19	LL
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 16:19	LL
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 16:19	LL
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 16:19	LL
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 16:19	LL
84-74-2	Di-n-butyl phthalate	42.0		ug/L	12.5	25.0	5	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/18/2024 13:57	SS
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 16:19	LL
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	ug/L	5.00	10.0	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 16:19	LL
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 16:19	LL
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 16:19	LL
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 16:19	LL
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 16:19	LL
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 16:19	LL
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	52.0 %			19.7-63.1						
13127-88-3	Surrogate: SURR: Phenol-d6	27.7 %			10.1-41.7						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	123 %	S-HI		50.2-113						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	112 %	S-HI		39.9-105						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	192 %			39.3-151						
1718-51-0	Surrogate: SURR: Terphenyl-d14	124 %	S-HI		30.7-106						

Semi-Volatiles, 8270 (SIM)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

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



Sample Information

Client Sample ID: GW-15

York Sample ID: 24F0825-13

York Project (SDG) No.

24F0825

Client Project ID

Elka

Matrix

Ground Water

Collection Date/Time

June 11, 2024 3:00 pm

Date Received

06/12/2024

Semi-Volatiles, 8270 (SIM)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 17:30	SS
208-96-8	Acenaphthylene	ND		ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 17:30	SS
120-12-7	Anthracene	ND		ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 17:30	SS
1912-24-9	Atrazine	ND	CAL-E	ug/L	25.0	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/17/2024 17:30	SS
56-55-3	Benzo(a)anthracene	ND		ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 17:30	SS
50-32-8	Benzo(a)pyrene	ND	CAL-E	ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 17:30	SS
205-99-2	Benzo(b)fluoranthene	ND		ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 17:30	SS
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 17:30	SS
207-08-9	Benzo(k)fluoranthene	ND		ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 17:30	SS
117-81-7	Bis(2-ethylhexyl)phthalate	ND	CAL-E	ug/L	25.0	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/17/2024 17:30	SS
218-01-9	Chrysene	ND		ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 17:30	SS
53-70-3	Dibenzo(a,h)anthracene	ND	CAL-E	ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 17:30	SS
206-44-0	Fluoranthene	ND		ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 17:30	SS
86-73-7	Fluorene	ND		ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 17:30	SS
118-74-1	Hexachlorobenzene	ND		ug/L	1.00	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/17/2024 17:30	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	25.0	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/17/2024 17:30	SS
67-72-1	Hexachloroethane	ND		ug/L	25.0	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/17/2024 17:30	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND	CAL-E	ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 17:30	SS
91-20-3	Naphthalene	41.5		ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/13/2024 08:24	06/17/2024 17:30	SS
98-95-3	Nitrobenzene	ND	CCVE, ICVE	ug/L	12.5	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/17/2024 17:30	SS
62-75-9	N-Nitrosodimethylamine	ND		ug/L	25.0	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/17/2024 17:30	SS
87-86-5	Pentachlorophenol	ND	CAL-E	ug/L	12.5	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/17/2024 17:30	SS
85-01-8	Phenanthrene	ND		ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 17:30	SS



Sample Information

Client Sample ID: GW-15

York Sample ID: 24F0825-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0825

Elka

Ground Water

June 11, 2024 3:00 pm

06/12/2024

Semi-Volatiles, 8270 (SIM)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
129-00-0	Pyrene	ND		ug/L	2.50	50	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/17/2024 17:30	SS

Sample Information

Client Sample ID: EB-1

York Sample ID: 24F0825-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0825

Elka

Ground Water

June 11, 2024 3:00 pm

06/12/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 10:41	BMC
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 10:41	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 10:41	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 10:41	BMC
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 10:41	BMC
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 10:41	BMC
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 10:41	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 06:10	06/19/2024 10:41	BMC
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 06:10	06/19/2024 10:41	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 06:10	06/19/2024 10:41	BMC
95-63-6	1,2,4-Trimethylbenzene	13.5		ug/L	0.310	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 10:41	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE	ug/L	0.432	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 10:41	BMC
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 10:41	BMC
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 10:41	BMC
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 10:41	BMC





Sample Information

Client Sample ID: EB-1

York Sample ID: 24F0825-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0825

Elka

Ground Water

June 11, 2024 3:00 pm

06/12/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 10:41	BMC
108-67-8	1,3,5-Trimethylbenzene	5.24		ug/L	0.347	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 10:41	BMC
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 10:41	BMC
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 10:41	BMC
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 10:41	BMC
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 10:41	BMC
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 10:41	BMC
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 10:41	BMC
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 10:41	BMC
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 10:41	BMC
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 10:41	BMC
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 10:41	BMC
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 10:41	BMC
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 10:41	BMC
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 10:41	BMC
75-25-2	Bromoform	ND	CCVE, QL-02	ug/L	0.163	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 10:41	BMC
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 10:41	BMC
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 10:41	BMC
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 10:41	BMC
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 10:41	BMC
75-00-3	Chloroethane	ND	CCVE	ug/L	0.448	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 10:41	BMC
67-66-3	Chloroform	1.81		ug/L	0.243	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 10:41	BMC
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 10:41	BMC



Sample Information

Client Sample ID: EB-1

York Sample ID: 24F0825-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0825

Elka

Ground Water

June 11, 2024 3:00 pm

06/12/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 10:41	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 10:41	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 10:41	BMC
								NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 10:41	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 10:41	BMC
								NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 10:41	BMC
								NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
100-41-4	Ethyl Benzene	6.43		ug/L	0.290	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 10:41	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 10:41	BMC
								NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
98-82-8	Isopropylbenzene	1.06		ug/L	0.405	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 10:41	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 10:41	BMC
								NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 10:41	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
108-87-2	Methylcyclohexane	2.38		ug/L	0.477	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 10:41	BMC
								NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 10:41	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
91-20-3	Naphthalene	1.89	J	ug/L	0.212	2.00	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 10:41	BMC
								NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 10:41	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
103-65-1	n-Propylbenzene	2.90		ug/L	0.384	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 10:41	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
95-47-6	o-Xylene	5.76		ug/L	0.261	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 10:41	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68			
179601-23-1	p- & m- Xylenes	26.3		ug/L	0.578	1.00	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 10:41	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68			
105-05-5	* p-Diethylbenzene	0.720		ug/L	0.341	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 10:41	BMC
622-96-8	* p-Ethyltoluene	3.73		ug/L	0.200	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 10:41	BMC
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 10:41	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 10:41	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 10:41	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			



Sample Information

Client Sample ID: EB-1

York Sample ID: 24F0825-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0825

Elka

Ground Water

June 11, 2024 3:00 pm

06/12/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	ug/L	0.608	1.00	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 06:10	06/19/2024 10:41	BMC
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 10:41	BMC
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 10:41	BMC
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 10:41	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 10:41	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 10:41	BMC
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 10:41	BMC
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 10:41	BMC
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 10:41	BMC
1330-20-7	Xylenes, Total	32.0		ug/L	0.839	1.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 10:41	BMC
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	96.7 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	103 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	93.1 %	79-122								

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

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/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/14/2024 16:54	LL
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/14/2024 16:54	LL
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444	06/13/2024 08:24	06/14/2024 16:54	LL
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	06/13/2024 08:24	06/14/2024 16:54	LL
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/14/2024 16:54	LL
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	06/13/2024 08:24	06/14/2024 16:54	LL
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	06/13/2024 08:24	06/14/2024 16:54	LL



Sample Information

Client Sample ID: EB-1

York Sample ID: 24F0825-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0825

Elka

Ground Water

June 11, 2024 3:00 pm

06/12/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND	S-08	ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/14/2024 16:54	LL
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 16:54	LL
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 16:54	LL
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 16:54	LL
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 16:54	LL
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 16:54	LL
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 16:54	LL
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 16:54	LL
91-58-7	2-Chloronaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 16:54	LL
95-57-8	2-Chlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 16:54	LL
91-57-6	2-Methylnaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 16:54	LL
95-48-7	2-Methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 16:54	LL
88-74-4	2-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 16:54	LL
88-75-5	2-Nitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 16:54	LL
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 16:54	LL
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 16:54	LL
99-09-2	3-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 16:54	LL
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 16:54	LL
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 16:54	LL
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 16:54	LL
106-47-8	4-Chloroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 16:54	LL
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 16:54	LL
100-01-6	4-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 16:54	LL



Sample Information

Client Sample ID: EB-1

York Sample ID: 24F0825-14

York Project (SDG) No.

24F0825

Client Project ID

Elka

Matrix

Ground Water

Collection Date/Time

June 11, 2024 3:00 pm

Date Received

06/12/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND	CAL-E	ug/L	5.26	5.26	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 16:54	LL
98-86-2	Acetophenone	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/13/2024 08:24 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/14/2024 16:54	LL
62-53-3	Aniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/13/2024 08:24 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/14/2024 16:54	LL
100-52-7	Benzaldehyde	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/13/2024 08:24 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/14/2024 16:54	LL
92-87-5	Benzidine	ND		ug/L	5.26	5.26	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 16:54	LL
65-85-0	Benzoic acid	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/13/2024 08:24 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/14/2024 16:54	LL
100-51-6	Benzyl alcohol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/13/2024 08:24 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/14/2024 16:54	LL
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 16:54	LL
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 16:54	LL
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.05	5.26	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 16:54	LL
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 16:54	LL
105-60-2	Caprolactam	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/13/2024 08:24 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/14/2024 16:54	LL
86-74-8	Carbazole	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 16:54	LL
132-64-9	Dibenzofuran	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 16:54	LL
84-66-2	Diethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 16:54	LL
131-11-3	Dimethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 16:54	LL
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 16:54	LL
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 16:54	LL
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	ug/L	5.26	10.5	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 16:54	LL
78-59-1	Isophorone	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 16:54	LL
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 16:54	LL
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 16:54	LL
108-95-2	Phenol	ND		ug/L	0.789	5.26	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 16:54	LL



Sample Information

Client Sample ID: EB-1

York Sample ID: 24F0825-14

York Project (SDG) No.

24F0825

Client Project ID

Elka

Matrix

Ground Water

Collection Date/Time

June 11, 2024 3:00 pm

Date Received

06/12/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-86-1	Pyridine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 16:54	LL
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	33.8 %			19.7-63.1						
13127-88-3	Surrogate: SURR: Phenol-d6	18.5 %			10.1-41.7						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	71.1 %			50.2-113						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	63.4 %			39.9-105						
1718-51-0	Surrogate: SURR: Terphenyl-d14	69.7 %			30.7-106						

Semi-Volatiles, 8270 (SIM)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 13:59	SS
208-96-8	Acenaphthylene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 13:59	SS
120-12-7	Anthracene	0.0632		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 13:59	SS
1912-24-9	Atrazine	ND		ug/L	0.526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/14/2024 13:59	SS
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 13:59	SS
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 13:59	SS
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 13:59	SS
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 13:59	SS
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 13:59	SS
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/14/2024 13:59	SS
218-01-9	Chrysene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 13:59	SS
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 13:59	SS
206-44-0	Fluoranthene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 13:59	SS
86-73-7	Fluorene	0.0632		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 13:59	SS
118-74-1	Hexachlorobenzene	ND		ug/L	0.0211	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/14/2024 13:59	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/14/2024 13:59	SS



Sample Information

Client Sample ID: EB-1

York Sample ID: 24F0825-14

York Project (SDG) No.

24F0825

Client Project ID

Elka

Matrix

Ground Water

Collection Date/Time

June 11, 2024 3:00 pm

Date Received

06/12/2024

Semi-Volatiles, 8270 (SIM)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-72-1	Hexachloroethane	ND		ug/L	0.526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/14/2024 13:59	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 13:59	SS
91-20-3	Naphthalene	0.779		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/13/2024 08:24	06/14/2024 13:59	SS
98-95-3	Nitrobenzene	ND		ug/L	0.263	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/14/2024 13:59	SS
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/14/2024 13:59	SS
87-86-5	Pentachlorophenol	ND		ug/L	0.263	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/14/2024 13:59	SS
85-01-8	Phenanthrene	0.0526		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/13/2024 08:24	06/14/2024 13:59	SS
129-00-0	Pyrene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 13:59	SS

Sample Information

Client Sample ID: GW-3 S

York Sample ID: 24F0825-15

York Project (SDG) No.

24F0825

Client Project ID

Elka

Matrix

Ground Water

Collection Date/Time

June 11, 2024 3:00 pm

Date Received

06/12/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 11:07	BMC
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 11:07	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 11:07	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 11:07	BMC
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 11:07	BMC
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 11:07	BMC
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 11:07	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 06:10	06/19/2024 11:07	BMC



Sample Information

Client Sample ID: GW-3 S

York Sample ID: 24F0825-15

York Project (SDG) No.

24F0825

Client Project ID

Elka

Matrix

Ground Water

Collection Date/Time

June 11, 2024 3:00 pm

Date Received

06/12/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 11:07	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 11:07	BMC
95-63-6	1,2,4-Trimethylbenzene	5.33		ug/L	0.310	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 11:07	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE	ug/L	0.432	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 11:07	BMC
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 11:07	BMC
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 11:07	BMC
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 11:07	BMC
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 11:07	BMC
108-67-8	1,3,5-Trimethylbenzene	2.94		ug/L	0.347	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 11:07	BMC
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 11:07	BMC
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 11:07	BMC
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 11:07	BMC
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 11:07	BMC
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 11:07	BMC
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 11:07	BMC
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 11:07	BMC
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 11:07	BMC
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 11:07	BMC
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 11:07	BMC
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 11:07	BMC
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 11:07	BMC
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 11:07	BMC
75-25-2	Bromoform	ND	CCVE, QL-02	ug/L	0.163	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 11:07	BMC



Sample Information

Client Sample ID: GW-3 S

York Sample ID: 24F0825-15

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0825

Elka

Ground Water

June 11, 2024 3:00 pm

06/12/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 11:07	BMC
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 11:07	BMC
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 11:07	BMC
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 11:07	BMC
75-00-3	Chloroethane	ND	CCVE	ug/L	0.448	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 11:07	BMC
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 11:07	BMC
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 11:07	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 11:07	BMC
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 11:07	BMC
110-82-7	Cyclohexane	3.49	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 11:07	BMC
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 11:07	BMC
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 11:07	BMC
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 11:07	BMC
100-41-4	Ethyl Benzene	2.68		ug/L	0.290	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 11:07	BMC
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 11:07	BMC
98-82-8	Isopropylbenzene	76.3		ug/L	0.405	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 11:07	BMC
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 11:07	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 11:07	BMC
108-87-2	Methylcyclohexane	31.0		ug/L	0.477	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 11:07	BMC
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications:	06/19/2024 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 11:07	BMC
91-20-3	Naphthalene	0.970	J	ug/L	0.212	2.00	1	EPA 8260D Certifications:	06/19/2024 06:10 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 11:07	BMC
104-51-8	n-Butylbenzene	17.4		ug/L	0.399	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 11:07	BMC
103-65-1	n-Propylbenzene	289		ug/L	0.768	1.00	2	EPA 8260D Certifications:	06/19/2024 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 11:33	BMC



Sample Information

Client Sample ID: GW-3 S			York Sample ID: 24F0825-15		
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24F0825	Elka	Ground Water	June 11, 2024 3:00 pm	06/12/2024	

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

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	1.96		ug/L	0.261	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	06/19/2024 06:10	06/19/2024 11:07	BMC
179601-23-1	p- & m- Xylenes	9.70		ug/L	0.578	1.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	06/19/2024 06:10	06/19/2024 11:07	BMC
105-05-5	* p-Diethylbenzene	26.2		ug/L	0.341	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 11:07	BMC
622-96-8	* p-Ethyltoluene	1.34		ug/L	0.200	0.500	1	EPA 8260D Certifications:	06/19/2024 06:10	06/19/2024 11:07	BMC
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 11:07	BMC
135-98-8	sec-Butylbenzene	26.4		ug/L	0.444	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 11:07	BMC
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 11:07	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	ug/L	0.608	1.00	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 06:10	06/19/2024 11:07	BMC
98-06-6	tert-Butylbenzene	5.52		ug/L	0.367	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 11:07	BMC
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 11:07	BMC
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 11:07	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 11:07	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 11:07	BMC
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 11:07	BMC
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 11:07	BMC
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 11:07	BMC
1330-20-7	Xylenes, Total	11.7		ug/L	0.839	1.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:10	06/19/2024 11:07	BMC
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	96.0 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	102 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	94.2 %	79-122								

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120 RESEARCH DRIVE		STRATFORD, CT 06615		■		132-02 89th AVENUE		RICHMOND HILL, NY 11418			
www.YORKLAB.com		(203) 325-1371				FAX (203) 357-0166		ClientServices@			



Sample Information

Client Sample ID: GW-3 S

York Sample ID: 24F0825-15

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0825

Elka

Ground Water

June 11, 2024 3:00 pm

06/12/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

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/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/14/2024 17:27	LL
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/14/2024 17:27	LL
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 17:27	LL
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	06/13/2024 08:24	06/14/2024 17:27	LL
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/14/2024 17:27	LL
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	06/13/2024 08:24	06/14/2024 17:27	LL
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	06/13/2024 08:24	06/14/2024 17:27	LL
58-90-2	2,3,4,6-Tetrachlorophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 08:24	06/14/2024 17:27	LL
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 17:27	LL
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 17:27	LL
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 17:27	LL
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 17:27	LL
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 17:27	LL
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 17:27	LL
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 17:27	LL
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 17:27	LL
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 17:27	LL
91-57-6	2-Methylnaphthalene	2.95	J	ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/13/2024 08:24	06/14/2024 17:27	LL
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 17:27	LL
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 17:27	LL
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 17:27	LL
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 17:27	LL
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 17:27	LL



Sample Information

Client Sample ID: GW-3 S

York Sample ID: 24F0825-15

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0825

Elka

Ground Water

June 11, 2024 3:00 pm

06/12/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 17:27	LL
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 17:27	LL
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 17:27	LL
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 17:27	LL
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 17:27	LL
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 17:27	LL
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 17:27	LL
100-02-7	4-Nitrophenol	ND	CAL-E	ug/L	5.00	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 17:27	LL
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/14/2024 17:27	LL
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/14/2024 17:27	LL
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/14/2024 17:27	LL
92-87-5	Benzidine	ND		ug/L	5.00	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 17:27	LL
65-85-0	Benzoic acid	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/14/2024 17:27	LL
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/14/2024 17:27	LL
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 17:27	LL
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 17:27	LL
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 17:27	LL
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 17:27	LL
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/14/2024 17:27	LL
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 17:27	LL
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 17:27	LL
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 17:27	LL
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	06/13/2024 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 17:27	LL



Sample Information

Client Sample ID: GW-3 S

York Sample ID: 24F0825-15

York Project (SDG) No.

24F0825

Client Project ID

Elka

Matrix

Ground Water

Collection Date/Time

June 11, 2024 3:00 pm

Date Received

06/12/2024

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 17:27	LL
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 17:27	LL
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	ug/L	5.00	10.0	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 17:27	LL
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 17:27	LL
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 17:27	LL
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 17:27	LL
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 17:27	LL
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 17:27	LL
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	38.9 %	19.7-63.1								
13127-88-3	Surrogate: SURR: Phenol-d6	21.2 %	10.1-41.7								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	90.7 %	50.2-113								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	85.0 %	39.9-105								
1718-51-0	Surrogate: SURR: Terphenyl-d14	95.1 %	30.7-106								

Semi-Volatiles, 8270 (SIM)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 14:29	SS
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 14:29	SS
120-12-7	Anthracene	0.0500		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 14:29	SS
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/14/2024 14:29	SS
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 14:29	SS
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 14:29	SS
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 14:29	SS
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 14:29	SS
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 14:29	SS



Sample Information

Client Sample ID: GW-3 S

York Sample ID: 24F0825-15

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0825

Elka

Ground Water

June 11, 2024 3:00 pm

06/12/2024

Semi-Volatiles, 8270 (SIM)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/14/2024 14:29	SS
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 14:29	SS
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 14:29	SS
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 14:29	SS
86-73-7	Fluorene	0.120		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/13/2024 08:24	06/14/2024 14:29	SS
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/14/2024 14:29	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/14/2024 14:29	SS
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/14/2024 14:29	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 14:29	SS
91-20-3	Naphthalene	0.940		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/13/2024 08:24	06/14/2024 14:29	SS
98-95-3	Nitrobenzene	ND		ug/L	0.250	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/14/2024 14:29	SS
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/14/2024 14:29	SS
87-86-5	Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	06/13/2024 08:24	06/14/2024 14:29	SS
85-01-8	Phenanthrene	0.0900		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/13/2024 08:24	06/14/2024 14:29	SS
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:24	06/14/2024 14:29	SS



Analytical Batch Summary

Batch ID: BF40846

Preparation Method: EPA 3510C

Prepared By: JM

YORK Sample ID	Client Sample ID	Preparation Date
24F0825-01	GP-12 S	06/13/24
24F0825-01RE1	GP-12 S	06/13/24
24F0825-03	GP-14 S	06/13/24
24F0825-05	GP-10 S	06/13/24
24F0825-07	GP-15 S	06/13/24
24F0825-07RE1	GP-15 S	06/13/24
24F0825-08	GP-16 S	06/13/24
24F0825-11	GP-7 S	06/13/24
24F0825-12	GP-8 S	06/13/24
24F0825-13	GW-15	06/13/24
24F0825-13RE1	GW-15	06/13/24
24F0825-14	EB-1	06/13/24
24F0825-15	GW-3 S	06/13/24

Batch ID: BF40994

Preparation Method: EPA 5030B

Prepared By: AC

YORK Sample ID	Client Sample ID	Preparation Date
24F0825-01	GP-12 S	06/14/24
24F0825-03	GP-14 S	06/14/24
24F0825-10	TB-1	06/14/24
BF40994-BLK1	Blank	06/14/24
BF40994-BS1	LCS	06/14/24
BF40994-BSD1	LCS Dup	06/14/24

Batch ID: BF41198

Preparation Method: EPA 5030B

Prepared By: AC

YORK Sample ID	Client Sample ID	Preparation Date
24F0825-01RE1	GP-12 S	06/18/24
24F0825-02	GP-12 D	06/18/24
24F0825-04	GP-14 D	06/18/24
24F0825-06	GP-10 D	06/18/24
24F0825-06RE1	GP-10 D	06/18/24
24F0825-07	GP-15 S	06/18/24
24F0825-07RE1	GP-15 S	06/18/24
BF41198-BLK1	Blank	06/18/24
BF41198-BS1	LCS	06/18/24
BF41198-BSD1	LCS Dup	06/18/24

Batch ID: BF41251

Preparation Method: EPA 5030B

Prepared By: BMC

YORK Sample ID	Client Sample ID	Preparation Date
24F0825-05	GP-10 S	06/19/24
24F0825-08	GP-16 S	06/19/24
24F0825-09	GP-16 D	06/19/24



24F0825-11RE1	GP-7 S	06/19/24
24F0825-12	GP-8 S	06/19/24
24F0825-13	GW-15	06/19/24
24F0825-13RE1	GW-15	06/19/24
24F0825-14	EB-1	06/19/24
24F0825-15	GW-3 S	06/19/24
24F0825-15RE1	GW-3 S	06/19/24
BF41251-BLK1	Blank	06/19/24
BF41251-BS1	LCS	06/19/24
BF41251-BSD1	LCS Dup	06/19/24
BF41251-MS1	Matrix Spike	06/19/24
BF41251-MSD1	Matrix Spike Dup	06/19/24

Batch ID: BF41252 **Preparation Method:** EPA 5030B **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
24F0825-11	GP-7 S	06/20/24
BF41252-BLK1	Blank	06/20/24
BF41252-BS1	LCS	06/20/24
BF41252-BSD1	LCS Dup	06/20/24



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BF40994 - EPA 5030B

Blank (BF40994-BLK1)

Prepared & Analyzed: 06/14/2024

1,1,1,2-Tetrachloroethane	ND	0.500	ug/L
1,1,1-Trichloroethane	ND	0.500	"
1,1,2,2-Tetrachloroethane	ND	0.500	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"
1,1,2-Trichloroethane	ND	0.500	"
1,1-Dichloroethane	ND	0.500	"
1,1-Dichloroethylene	ND	0.500	"
1,2,3-Trichlorobenzene	ND	0.500	"
1,2,3-Trichloropropane	ND	0.500	"
1,2,4-Trichlorobenzene	ND	0.500	"
1,2,4-Trimethylbenzene	ND	0.500	"
1,2-Dibromo-3-chloropropane	ND	0.500	"
1,2-Dibromoethane	ND	0.500	"
1,2-Dichlorobenzene	ND	0.500	"
1,2-Dichloroethane	ND	0.500	"
1,2-Dichloropropane	ND	0.500	"
1,3,5-Trimethylbenzene	ND	0.500	"
1,3-Dichlorobenzene	ND	0.500	"
1,3-Dichloropropane	ND	0.500	"
1,4-Dichlorobenzene	ND	0.500	"
1,4-Dioxane	ND	80.0	"
2-Butanone	ND	0.500	"
2-Hexanone	ND	0.500	"
4-Methyl-2-pentanone	ND	0.500	"
Acetone	ND	2.00	"
Acrolein	ND	0.500	"
Acrylonitrile	ND	0.500	"
Benzene	ND	0.500	"
Bromochloromethane	ND	0.500	"
Bromodichloromethane	ND	0.500	"
Bromoform	ND	0.500	"
Bromomethane	ND	0.500	"
Carbon disulfide	ND	0.500	"
Carbon tetrachloride	ND	0.500	"
Chlorobenzene	ND	0.500	"
Chloroethane	ND	0.500	"
Chloroform	ND	0.500	"
Chloromethane	ND	0.500	"
cis-1,2-Dichloroethylene	ND	0.500	"
cis-1,3-Dichloropropylene	ND	0.500	"
Cyclohexane	ND	0.500	"
Dibromochloromethane	ND	0.500	"
Dibromomethane	ND	0.500	"
Dichlorodifluoromethane	ND	0.500	"
Ethyl Benzene	ND	0.500	"
Hexachlorobutadiene	ND	0.500	"
Isopropylbenzene	ND	0.500	"
Methyl acetate	ND	0.500	"
Methyl tert-butyl ether (MTBE)	ND	0.500	"



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BF40994 - EPA 5030B

Blank (BF40994-BLK1)

Prepared & Analyzed: 06/14/2024

Methylcyclohexane	ND	0.500	ug/L								
Methylene chloride	ND	2.00	"								
Naphthalene	0.730	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Diethylbenzene	ND	0.500	"								
p-Ethyltoluene	ND	0.500	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	8.39		"	10.0		83.9	69-130				
Surrogate: SURR: Toluene-d8	9.49		"	10.0		94.9	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.2		"	10.0		102	79-122				

LCS (BF40994-BS1)

Prepared & Analyzed: 06/14/2024

1,1,1,2-Tetrachloroethane	8.56		ug/L	10.0		85.6	82-126				
1,1,1-Trichloroethane	9.43		"	10.0		94.3	78-136				
1,1,2,2-Tetrachloroethane	10.6		"	10.0		106	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.6		"	10.0		106	54-165				
1,1,2-Trichloroethane	9.31		"	10.0		93.1	82-123				
1,1-Dichloroethane	11.0		"	10.0		110	82-129				
1,1-Dichloroethylene	11.3		"	10.0		113	68-138				
1,2,3-Trichlorobenzene	7.87		"	10.0		78.7	76-136				
1,2,3-Trichloropropane	10.2		"	10.0		102	77-128				
1,2,4-Trichlorobenzene	8.33		"	10.0		83.3	76-137				
1,2,4-Trimethylbenzene	11.1		"	10.0		111	82-132				
1,2-Dibromo-3-chloropropane	7.97		"	10.0		79.7	45-147				
1,2-Dibromoethane	9.05		"	10.0		90.5	83-124				
1,2-Dichlorobenzene	9.99		"	10.0		99.9	79-123				
1,2-Dichloroethane	8.54		"	10.0		85.4	73-132				
1,2-Dichloropropane	10.5		"	10.0		105	78-126				
1,3,5-Trimethylbenzene	11.4		"	10.0		114	80-131				
1,3-Dichlorobenzene	10.1		"	10.0		101	86-122				
1,3-Dichloropropane	9.23		"	10.0		92.3	81-125				
1,4-Dichlorobenzene	9.99		"	10.0		99.9	85-124				
1,4-Dioxane	151		"	210		71.9	10-349				
2-Butanone	11.5		"	10.0		115	49-152				
2-Hexanone	8.10		"	10.0		81.0	51-146				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BF40994 - EPA 5030B

LCS (BF40994-BS1)

Prepared & Analyzed: 06/14/2024

4-Methyl-2-pentanone	7.58		ug/L	10.0		75.8	57-145				
Acetone	8.53		"	10.0		85.3	14-150				
Acrolein	5.44		"	10.0		54.4	10-153				
Acrylonitrile	9.31		"	10.0		93.1	51-150				
Benzene	11.9		"	10.0		119	85-126				
Bromochloromethane	9.88		"	10.0		98.8	77-128				
Bromodichloromethane	8.08		"	10.0		80.8	79-128				
Bromoform	6.48		"	10.0		64.8	78-133	Low Bias			
Bromomethane	10.5		"	10.0		105	43-168				
Carbon disulfide	12.2		"	10.0		122	68-146				
Carbon tetrachloride	8.63		"	10.0		86.3	77-141				
Chlorobenzene	10.1		"	10.0		101	88-120				
Chloroethane	10.5		"	10.0		105	65-136				
Chloroform	10.2		"	10.0		102	82-128				
Chloromethane	9.41		"	10.0		94.1	43-155				
cis-1,2-Dichloroethylene	10.8		"	10.0		108	83-129				
cis-1,3-Dichloropropylene	9.70		"	10.0		97.0	80-131				
Cyclohexane	4.66		"	10.0		46.6	63-149	Low Bias			
Dibromochloromethane	7.55		"	10.0		75.5	80-130	Low Bias			
Dibromomethane	8.48		"	10.0		84.8	72-134				
Dichlorodifluoromethane	9.82		"	10.0		98.2	44-144				
Ethyl Benzene	10.5		"	10.0		105	80-131				
Hexachlorobutadiene	6.82		"	10.0		68.2	67-146				
Isopropylbenzene	11.5		"	10.0		115	76-140				
Methyl acetate	8.69		"	10.0		86.9	51-139				
Methyl tert-butyl ether (MTBE)	9.37		"	10.0		93.7	76-135				
Methylcyclohexane	9.54		"	10.0		95.4	72-143				
Methylene chloride	10.2		"	10.0		102	55-137				
Naphthalene	9.60		"	10.0		96.0	70-147				
n-Butylbenzene	9.01		"	10.0		90.1	79-132				
n-Propylbenzene	10.9		"	10.0		109	78-133				
o-Xylene	10.1		"	10.0		101	78-130				
p- & m- Xylenes	20.6		"	20.0		103	77-133				
p-Diethylbenzene	9.45		"	10.0		94.5	84-134				
p-Ethyltoluene	12.4		"	10.0		124	88-129				
p-Isopropyltoluene	10.1		"	10.0		101	81-136				
sec-Butylbenzene	10.2		"	10.0		102	79-137				
Styrene	9.82		"	10.0		98.2	67-132				
tert-Butyl alcohol (TBA)	29.3		"	50.0		58.6	25-162				
tert-Butylbenzene	9.27		"	10.0		92.7	77-138				
Tetrachloroethylene	9.56		"	10.0		95.6	82-131				
Toluene	10.9		"	10.0		109	80-127				
trans-1,2-Dichloroethylene	10.9		"	10.0		109	80-132				
trans-1,3-Dichloropropylene	8.83		"	10.0		88.3	78-131				
Trichloroethylene	10.1		"	10.0		101	82-128				
Trichlorofluoromethane	9.69		"	10.0		96.9	67-139				
Vinyl Chloride	9.96		"	10.0		99.6	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	7.17		"	10.0		71.7	69-130				
Surrogate: SURR: Toluene-d8	10.1		"	10.0		101	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.4		"	10.0		104	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF40994 - EPA 5030B											
LCS Dup (BF40994-BSD1)						Prepared & Analyzed: 06/14/2024					
1,1,1,2-Tetrachloroethane	8.27		ug/L	10.0		82.7	82-126		3.45	30	
1,1,1-Trichloroethane	8.79		"	10.0		87.9	78-136		7.03	30	
1,1,2,2-Tetrachloroethane	10.9		"	10.0		109	76-129		2.60	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.93		"	10.0		99.3	54-165		7.00	30	
1,1,2-Trichloroethane	9.80		"	10.0		98.0	82-123		5.13	30	
1,1-Dichloroethane	10.3		"	10.0		103	82-129		6.02	30	
1,1-Dichloroethylene	10.6		"	10.0		106	68-138		6.56	30	
1,2,3-Trichlorobenzene	7.64		"	10.0		76.4	76-136		2.97	30	
1,2,3-Trichloropropane	10.1		"	10.0		101	77-128		0.197	30	
1,2,4-Trichlorobenzene	7.89		"	10.0		78.9	76-137		5.43	30	
1,2,4-Trimethylbenzene	9.76		"	10.0		97.6	82-132		12.8	30	
1,2-Dibromo-3-chloropropane	7.83		"	10.0		78.3	45-147		1.77	30	
1,2-Dibromoethane	9.77		"	10.0		97.7	83-124		7.65	30	
1,2-Dichlorobenzene	9.48		"	10.0		94.8	79-123		5.24	30	
1,2-Dichloroethane	9.05		"	10.0		90.5	73-132		5.80	30	
1,2-Dichloropropane	10.1		"	10.0		101	78-126		3.78	30	
1,3,5-Trimethylbenzene	9.90		"	10.0		99.0	80-131		13.8	30	
1,3-Dichlorobenzene	9.19		"	10.0		91.9	86-122		9.53	30	
1,3-Dichloropropane	9.49		"	10.0		94.9	81-125		2.78	30	
1,4-Dichlorobenzene	9.05		"	10.0		90.5	85-124		9.87	30	
1,4-Dioxane	185		"	210		88.2	10-349		20.3	30	
2-Butanone	12.7		"	10.0		127	49-152		10.5	30	
2-Hexanone	9.75		"	10.0		97.5	51-146		18.5	30	
4-Methyl-2-pentanone	8.80		"	10.0		88.0	57-145		14.9	30	
Acetone	9.86		"	10.0		98.6	14-150		14.5	30	
Acrolein	6.77		"	10.0		67.7	10-153		21.8	30	
Acrylonitrile	10.9		"	10.0		109	51-150		15.7	30	
Benzene	11.2		"	10.0		112	85-126		5.96	30	
Bromochloromethane	10.2		"	10.0		102	77-128		2.79	30	
Bromodichloromethane	7.78		"	10.0		77.8	79-128	Low Bias	3.78	30	
Bromoform	7.06		"	10.0		70.6	78-133	Low Bias	8.57	30	
Bromomethane	9.59		"	10.0		95.9	43-168		8.96	30	
Carbon disulfide	11.3		"	10.0		113	68-146		7.59	30	
Carbon tetrachloride	7.88		"	10.0		78.8	77-141		9.09	30	
Chlorobenzene	9.66		"	10.0		96.6	88-120		4.26	30	
Chloroethane	9.54		"	10.0		95.4	65-136		9.30	30	
Chloroform	9.63		"	10.0		96.3	82-128		5.36	30	
Chloromethane	8.40		"	10.0		84.0	43-155		11.3	30	
cis-1,2-Dichloroethylene	10.2		"	10.0		102	83-129		5.72	30	
cis-1,3-Dichloropropylene	9.61		"	10.0		96.1	80-131		0.932	30	
Cyclohexane	4.48		"	10.0		44.8	63-149	Low Bias	3.94	30	
Dibromochloromethane	7.74		"	10.0		77.4	80-130	Low Bias	2.49	30	
Dibromomethane	8.85		"	10.0		88.5	72-134		4.27	30	
Dichlorodifluoromethane	8.80		"	10.0		88.0	44-144		11.0	30	
Ethyl Benzene	9.73		"	10.0		97.3	80-131		7.90	30	
Hexachlorobutadiene	6.57		"	10.0		65.7	67-146	Low Bias	3.73	30	
Isopropylbenzene	9.77		"	10.0		97.7	76-140		15.9	30	
Methyl acetate	10.3		"	10.0		103	51-139		16.8	30	
Methyl tert-butyl ether (MTBE)	10.7		"	10.0		107	76-135		12.9	30	
Methylcyclohexane	8.86		"	10.0		88.6	72-143		7.39	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BF40994 - EPA 5030B

LCS Dup (BF40994-BSD1)

Prepared & Analyzed: 06/14/2024

Methylene chloride	9.94		ug/L	10.0		99.4	55-137		2.48	30
Naphthalene	9.38		"	10.0		93.8	70-147		2.32	30
n-Butylbenzene	8.30		"	10.0		83.0	79-132		8.20	30
n-Propylbenzene	9.48		"	10.0		94.8	78-133		13.8	30
o-Xylene	9.41		"	10.0		94.1	78-130		6.78	30
p- & m- Xylenes	19.0		"	20.0		95.0	77-133		8.32	30
p-Diethylbenzene	8.60		"	10.0		86.0	84-134		9.42	30
p-Ethyltoluene	10.7		"	10.0		107	88-129		14.7	30
p-Isopropyltoluene	8.97		"	10.0		89.7	81-136		12.1	30
sec-Butylbenzene	8.99		"	10.0		89.9	79-137		13.0	30
Styrene	9.57		"	10.0		95.7	67-132		2.58	30
tert-Butyl alcohol (TBA)	39.1		"	50.0		78.2	25-162		28.7	30
tert-Butylbenzene	8.08		"	10.0		80.8	77-138		13.7	30
Tetrachloroethylene	8.79		"	10.0		87.9	82-131		8.39	30
Toluene	10.0		"	10.0		100	80-127		8.88	30
trans-1,2-Dichloroethylene	10.2		"	10.0		102	80-132		6.25	30
trans-1,3-Dichloropropylene	9.08		"	10.0		90.8	78-131		2.79	30
Trichloroethylene	9.10		"	10.0		91.0	82-128		10.3	30
Trichlorofluoromethane	8.80		"	10.0		88.0	67-139		9.63	30
Vinyl Chloride	9.01		"	10.0		90.1	58-145		10.0	30
Surrogate: SURR: 1,2-Dichloroethane-d4	8.32		"	10.0		83.2	69-130			
Surrogate: SURR: Toluene-d8	9.56		"	10.0		95.6	81-117			
Surrogate: SURR: p-Bromofluorobenzene	10.4		"	10.0		104	79-122			

Batch BF41198 - EPA 5030B

Blank (BF41198-BLK1)

Prepared & Analyzed: 06/18/2024

1,1,1,2-Tetrachloroethane	ND	0.500	ug/L							
1,1,1-Trichloroethane	ND	0.500	"							
1,1,2,2-Tetrachloroethane	ND	0.500	"							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"							
1,1,2-Trichloroethane	ND	0.500	"							
1,1-Dichloroethane	ND	0.500	"							
1,1-Dichloroethylene	ND	0.500	"							
1,2,3-Trichlorobenzene	ND	0.500	"							
1,2,3-Trichloropropane	ND	0.500	"							
1,2,4-Trichlorobenzene	ND	0.500	"							
1,2,4-Trimethylbenzene	ND	0.500	"							
1,2-Dibromo-3-chloropropane	ND	0.500	"							
1,2-Dibromoethane	ND	0.500	"							
1,2-Dichlorobenzene	ND	0.500	"							
1,2-Dichloroethane	ND	0.500	"							
1,2-Dichloropropane	ND	0.500	"							
1,3,5-Trimethylbenzene	ND	0.500	"							
1,3-Dichlorobenzene	ND	0.500	"							
1,3-Dichloropropane	ND	0.500	"							
1,4-Dichlorobenzene	ND	0.500	"							
1,4-Dioxane	ND	80.0	"							
2-Butanone	ND	0.500	"							
2-Hexanone	ND	0.500	"							
4-Methyl-2-pentanone	ND	0.500	"							



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Flag	RPD		
		Limit							RPD	Limit	Flag

Batch BF41198 - EPA 5030B

Blank (BF41198-BLK1)

Prepared & Analyzed: 06/18/2024

Acetone	ND	2.00	ug/L								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
Naphthalene	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Diethylbenzene	ND	0.500	"								
p-Ethyltoluene	ND	0.500	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	10.1		"	10.0		101	69-130				
Surrogate: SURR: Toluene-d8	10.6		"	10.0		106	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.4		"	10.0		104	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF41198 - EPA 5030B											
LCS (BF41198-BS1)						Prepared & Analyzed: 06/18/2024					
1,1,1,2-Tetrachloroethane	9.59		ug/L	10.0		95.9	82-126				
1,1,1-Trichloroethane	8.91		"	10.0		89.1	78-136				
1,1,2,2-Tetrachloroethane	11.5		"	10.0		115	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.96		"	10.0		89.6	54-165				
1,1,2-Trichloroethane	9.71		"	10.0		97.1	82-123				
1,1-Dichloroethane	9.32		"	10.0		93.2	82-129				
1,1-Dichloroethylene	9.85		"	10.0		98.5	68-138				
1,2,3-Trichlorobenzene	9.40		"	10.0		94.0	76-136				
1,2,3-Trichloropropane	11.9		"	10.0		119	77-128				
1,2,4-Trichlorobenzene	9.69		"	10.0		96.9	76-137				
1,2,4-Trimethylbenzene	11.9		"	10.0		119	82-132				
1,2-Dibromo-3-chloropropane	10.0		"	10.0		100	45-147				
1,2-Dibromoethane	9.96		"	10.0		99.6	83-124				
1,2-Dichlorobenzene	11.2		"	10.0		112	79-123				
1,2-Dichloroethane	8.74		"	10.0		87.4	73-132				
1,2-Dichloropropane	10.2		"	10.0		102	78-126				
1,3,5-Trimethylbenzene	12.2		"	10.0		122	80-131				
1,3-Dichlorobenzene	11.3		"	10.0		113	86-122				
1,3-Dichloropropane	9.49		"	10.0		94.9	81-125				
1,4-Dichlorobenzene	11.3		"	10.0		113	85-124				
1,4-Dioxane	195		"	210		92.9	10-349				
2-Butanone	11.0		"	10.0		110	49-152				
2-Hexanone	8.76		"	10.0		87.6	51-146				
4-Methyl-2-pentanone	8.02		"	10.0		80.2	57-145				
Acetone	8.53		"	10.0		85.3	14-150				
Acrolein	4.85		"	10.0		48.5	10-153				
Acrylonitrile	8.60		"	10.0		86.0	51-150				
Benzene	9.87		"	10.0		98.7	85-126				
Bromochloromethane	9.03		"	10.0		90.3	77-128				
Bromodichloromethane	9.26		"	10.0		92.6	79-128				
Bromoform	8.46		"	10.0		84.6	78-133				
Bromomethane	7.80		"	10.0		78.0	43-168				
Carbon disulfide	9.75		"	10.0		97.5	68-146				
Carbon tetrachloride	8.53		"	10.0		85.3	77-141				
Chlorobenzene	10.5		"	10.0		105	88-120				
Chloroethane	8.86		"	10.0		88.6	65-136				
Chloroform	9.25		"	10.0		92.5	82-128				
Chloromethane	7.34		"	10.0		73.4	43-155				
cis-1,2-Dichloroethylene	9.38		"	10.0		93.8	83-129				
cis-1,3-Dichloropropylene	9.95		"	10.0		99.5	80-131				
Cyclohexane	3.75		"	10.0		37.5	63-149	Low Bias			
Dibromochloromethane	9.08		"	10.0		90.8	80-130				
Dibromomethane	9.40		"	10.0		94.0	72-134				
Dichlorodifluoromethane	6.86		"	10.0		68.6	44-144				
Ethyl Benzene	10.5		"	10.0		105	80-131				
Hexachlorobutadiene	9.00		"	10.0		90.0	67-146				
Isopropylbenzene	12.0		"	10.0		120	76-140				
Methyl acetate	8.24		"	10.0		82.4	51-139				
Methyl tert-butyl ether (MTBE)	8.72		"	10.0		87.2	76-135				
Methylcyclohexane	8.94		"	10.0		89.4	72-143				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF41198 - EPA 5030B											
LCS (BF41198-BS1)						Prepared & Analyzed: 06/18/2024					
Methylene chloride	9.08		ug/L	10.0		90.8	55-137				
Naphthalene	9.53		"	10.0		95.3	70-147				
n-Butylbenzene	10.4		"	10.0		104	79-132				
n-Propylbenzene	11.6		"	10.0		116	78-133				
o-Xylene	10.3		"	10.0		103	78-130				
p- & m- Xylenes	20.8		"	20.0		104	77-133				
p-Diethylbenzene	10.8		"	10.0		108	84-134				
p-Ethyltoluene	13.2		"	10.0		132	88-129	High Bias			
p-Isopropyltoluene	11.3		"	10.0		113	81-136				
sec-Butylbenzene	11.0		"	10.0		110	79-137				
Styrene	10.1		"	10.0		101	67-132				
tert-Butyl alcohol (TBA)	28.2		"	50.0		56.4	25-162				
tert-Butylbenzene	10.1		"	10.0		101	77-138				
Tetrachloroethylene	10.1		"	10.0		101	82-131				
Toluene	10.7		"	10.0		107	80-127				
trans-1,2-Dichloroethylene	9.43		"	10.0		94.3	80-132				
trans-1,3-Dichloropropylene	9.49		"	10.0		94.9	78-131				
Trichloroethylene	10.2		"	10.0		102	82-128				
Trichlorofluoromethane	9.55		"	10.0		95.5	67-139				
Vinyl Chloride	8.13		"	10.0		81.3	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	9.09		"	10.0		90.9	69-130				
Surrogate: SURR: Toluene-d8	10.5		"	10.0		105	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.7		"	10.0		107	79-122				
LCS Dup (BF41198-BS1)						Prepared & Analyzed: 06/18/2024					
1,1,1,2-Tetrachloroethane	9.57		ug/L	10.0		95.7	82-126		0.209	30	
1,1,1-Trichloroethane	8.49		"	10.0		84.9	78-136		4.83	30	
1,1,2,2-Tetrachloroethane	11.7		"	10.0		117	76-129		1.98	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.54		"	10.0		85.4	54-165		4.80	30	
1,1,2-Trichloroethane	10.3		"	10.0		103	82-123		6.09	30	
1,1-Dichloroethane	9.00		"	10.0		90.0	82-129		3.49	30	
1,1-Dichloroethylene	9.24		"	10.0		92.4	68-138		6.39	30	
1,2,3-Trichlorobenzene	9.54		"	10.0		95.4	76-136		1.48	30	
1,2,3-Trichloropropane	11.6		"	10.0		116	77-128		2.37	30	
1,2,4-Trichlorobenzene	9.62		"	10.0		96.2	76-137		0.725	30	
1,2,4-Trimethylbenzene	10.8		"	10.0		108	82-132		9.62	30	
1,2-Dibromo-3-chloropropane	10.3		"	10.0		103	45-147		2.95	30	
1,2-Dibromoethane	10.6		"	10.0		106	83-124		5.75	30	
1,2-Dichlorobenzene	10.9		"	10.0		109	79-123		3.44	30	
1,2-Dichloroethane	8.94		"	10.0		89.4	73-132		2.26	30	
1,2-Dichloropropane	9.94		"	10.0		99.4	78-126		2.48	30	
1,3,5-Trimethylbenzene	11.1		"	10.0		111	80-131		9.29	30	
1,3-Dichlorobenzene	10.6		"	10.0		106	86-122		6.19	30	
1,3-Dichloropropane	10.2		"	10.0		102	81-125		7.31	30	
1,4-Dichlorobenzene	10.6		"	10.0		106	85-124		6.86	30	
1,4-Dioxane	212		"	210		101	10-349		8.14	30	
2-Butanone	11.4		"	10.0		114	49-152		4.11	30	
2-Hexanone	10.1		"	10.0		101	51-146		14.5	30	
4-Methyl-2-pentanone	9.31		"	10.0		93.1	57-145		14.9	30	
Acetone	9.57		"	10.0		95.7	14-150		11.5	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BF41198 - EPA 5030B

LCS Dup (BF41198-BSD1)

Prepared & Analyzed: 06/18/2024

Acrolein	5.33		ug/L	10.0		53.3	10-153		9.43	30	
Acrylonitrile	9.14		"	10.0		91.4	51-150		6.09	30	
Benzene	9.48		"	10.0		94.8	85-126		4.03	30	
Bromochloromethane	9.00		"	10.0		90.0	77-128		0.333	30	
Bromodichloromethane	9.12		"	10.0		91.2	79-128		1.52	30	
Bromoform	9.00		"	10.0		90.0	78-133		6.19	30	
Bromomethane	7.73		"	10.0		77.3	43-168		0.901	30	
Carbon disulfide	9.32		"	10.0		93.2	68-146		4.51	30	
Carbon tetrachloride	8.12		"	10.0		81.2	77-141		4.92	30	
Chlorobenzene	10.3		"	10.0		103	88-120		2.03	30	
Chloroethane	8.50		"	10.0		85.0	65-136		4.15	30	
Chloroform	9.02		"	10.0		90.2	82-128		2.52	30	
Chloromethane	6.92		"	10.0		69.2	43-155		5.89	30	
cis-1,2-Dichloroethylene	9.02		"	10.0		90.2	83-129		3.91	30	
cis-1,3-Dichloropropylene	9.97		"	10.0		99.7	80-131		0.201	30	
Cyclohexane	3.53		"	10.0		35.3	63-149	Low Bias	6.04	30	
Dibromochloromethane	9.53		"	10.0		95.3	80-130		4.84	30	
Dibromomethane	9.75		"	10.0		97.5	72-134		3.66	30	
Dichlorodifluoromethane	6.39		"	10.0		63.9	44-144		7.09	30	
Ethyl Benzene	10.3		"	10.0		103	80-131		2.59	30	
Hexachlorobutadiene	8.72		"	10.0		87.2	67-146		3.16	30	
Isopropylbenzene	10.8		"	10.0		108	76-140		11.3	30	
Methyl acetate	8.97		"	10.0		89.7	51-139		8.48	30	
Methyl tert-butyl ether (MTBE)	9.52		"	10.0		95.2	76-135		8.77	30	
Methylcyclohexane	8.75		"	10.0		87.5	72-143		2.15	30	
Methylene chloride	8.80		"	10.0		88.0	55-137		3.13	30	
Naphthalene	9.92		"	10.0		99.2	70-147		4.01	30	
n-Butylbenzene	9.53		"	10.0		95.3	79-132		8.44	30	
n-Propylbenzene	10.4		"	10.0		104	78-133		10.4	30	
o-Xylene	10.1		"	10.0		101	78-130		2.16	30	
p- & m- Xylenes	20.4		"	20.0		102	77-133		2.28	30	
p-Diethylbenzene	9.91		"	10.0		99.1	84-134		8.59	30	
p-Ethyltoluene	11.9		"	10.0		119	88-129		10.1	30	
p-Isopropyltoluene	10.4		"	10.0		104	81-136		8.20	30	
sec-Butylbenzene	10.1		"	10.0		101	79-137		9.28	30	
Styrene	10.0		"	10.0		100	67-132		0.793	30	
tert-Butyl alcohol (TBA)	35.8		"	50.0		71.7	25-162		23.9	30	
tert-Butylbenzene	9.11		"	10.0		91.1	77-138		10.1	30	
Tetrachloroethylene	9.82		"	10.0		98.2	82-131		2.51	30	
Toluene	10.3		"	10.0		103	80-127		3.99	30	
trans-1,2-Dichloroethylene	8.97		"	10.0		89.7	80-132		5.00	30	
trans-1,3-Dichloropropylene	9.80		"	10.0		98.0	78-131		3.21	30	
Trichloroethylene	9.66		"	10.0		96.6	82-128		5.73	30	
Trichlorofluoromethane	8.93		"	10.0		89.3	67-139		6.71	30	
Vinyl Chloride	7.75		"	10.0		77.5	58-145		4.79	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	9.75		"	10.0		97.5	69-130				
Surrogate: SURR: Toluene-d8	10.6		"	10.0		106	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.5		"	10.0		105	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Flag	RPD	RPD	Flag
		Limit		Level	Result		Limits			Limit	
Batch BF41251 - EPA 5030B											
Blank (BF41251-BLK1)											
Prepared & Analyzed: 06/19/2024											
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BF41251 - EPA 5030B

Blank (BF41251-BLK1)

Prepared & Analyzed: 06/19/2024

Methylene chloride	ND	2.00	ug/L
Naphthalene	ND	2.00	"
n-Butylbenzene	ND	0.500	"
n-Propylbenzene	ND	0.500	"
o-Xylene	ND	0.500	"
p- & m- Xylenes	ND	1.00	"
p-Diethylbenzene	ND	0.500	"
p-Ethyltoluene	ND	0.500	"
p-Isopropyltoluene	ND	0.500	"
sec-Butylbenzene	ND	0.500	"
Styrene	ND	0.500	"
tert-Butyl alcohol (TBA)	ND	1.00	"
tert-Butylbenzene	ND	0.500	"
Tetrachloroethylene	ND	0.500	"
Toluene	ND	0.500	"
trans-1,2-Dichloroethylene	ND	0.500	"
trans-1,3-Dichloropropylene	ND	0.500	"
Trichloroethylene	ND	0.500	"
Trichlorofluoromethane	ND	0.500	"
Vinyl Chloride	ND	0.500	"
Xylenes, Total	ND	1.50	"

Surrogate: SURR: 1,2-Dichloroethane-d4	9.16	"	10.0	91.6	69-130
Surrogate: SURR: Toluene-d8	10.4	"	10.0	104	81-117
Surrogate: SURR: p-Bromofluorobenzene	10.5	"	10.0	105	79-122

LCS (BF41251-BS1)

Prepared & Analyzed: 06/19/2024

1,1,1,2-Tetrachloroethane	9.16	ug/L	10.0	91.6	82-126
1,1,1-Trichloroethane	8.50	"	10.0	85.0	78-136
1,1,2,2-Tetrachloroethane	10.8	"	10.0	108	76-129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.91	"	10.0	99.1	54-165
1,1,2-Trichloroethane	9.74	"	10.0	97.4	82-123
1,1-Dichloroethane	9.11	"	10.0	91.1	82-129
1,1-Dichloroethylene	9.79	"	10.0	97.9	68-138
1,2,3-Trichlorobenzene	8.93	"	10.0	89.3	76-136
1,2,3-Trichloropropane	10.4	"	10.0	104	77-128
1,2,4-Trichlorobenzene	9.47	"	10.0	94.7	76-137
1,2,4-Trimethylbenzene	11.2	"	10.0	112	82-132
1,2-Dibromo-3-chloropropane	8.47	"	10.0	84.7	45-147
1,2-Dibromoethane	9.68	"	10.0	96.8	83-124
1,2-Dichlorobenzene	10.6	"	10.0	106	79-123
1,2-Dichloroethane	7.77	"	10.0	77.7	73-132
1,2-Dichloropropane	10.2	"	10.0	102	78-126
1,3,5-Trimethylbenzene	11.6	"	10.0	116	80-131
1,3-Dichlorobenzene	11.0	"	10.0	110	86-122
1,3-Dichloropropane	9.46	"	10.0	94.6	81-125
1,4-Dichlorobenzene	10.8	"	10.0	108	85-124
1,4-Dioxane	177	"	210	84.3	10-349
2-Butanone	9.71	"	10.0	97.1	49-152
2-Hexanone	8.30	"	10.0	83.0	51-146
4-Methyl-2-pentanone	7.49	"	10.0	74.9	57-145



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BF41251 - EPA 5030B

LCS (BF41251-BS1)

Prepared & Analyzed: 06/19/2024

Acetone	7.87		ug/L	10.0		78.7	14-150				
Acrolein	5.09		"	10.0		50.9	10-153				
Acrylonitrile	8.49		"	10.0		84.9	51-150				
Benzene	9.90		"	10.0		99.0	85-126				
Bromochloromethane	8.54		"	10.0		85.4	77-128				
Bromodichloromethane	8.49		"	10.0		84.9	79-128				
Bromoform	7.75		"	10.0		77.5	78-133	Low Bias			
Bromomethane	6.93		"	10.0		69.3	43-168				
Carbon disulfide	10.2		"	10.0		102	68-146				
Carbon tetrachloride	8.26		"	10.0		82.6	77-141				
Chlorobenzene	10.3		"	10.0		103	88-120				
Chloroethane	8.19		"	10.0		81.9	65-136				
Chloroform	8.74		"	10.0		87.4	82-128				
Chloromethane	6.54		"	10.0		65.4	43-155				
cis-1,2-Dichloroethylene	8.85		"	10.0		88.5	83-129				
cis-1,3-Dichloropropylene	9.58		"	10.0		95.8	80-131				
Cyclohexane	4.12		"	10.0		41.2	63-149	Low Bias			
Dibromochloromethane	8.52		"	10.0		85.2	80-130				
Dibromomethane	8.96		"	10.0		89.6	72-134				
Dichlorodifluoromethane	6.36		"	10.0		63.6	44-144				
Ethyl Benzene	10.5		"	10.0		105	80-131				
Hexachlorobutadiene	10.2		"	10.0		102	67-146				
Isopropylbenzene	11.6		"	10.0		116	76-140				
Methyl acetate	7.85		"	10.0		78.5	51-139				
Methyl tert-butyl ether (MTBE)	8.45		"	10.0		84.5	76-135				
Methylcyclohexane	10.3		"	10.0		103	72-143				
Methylene chloride	8.50		"	10.0		85.0	55-137				
Naphthalene	8.88		"	10.0		88.8	70-147				
n-Butylbenzene	10.3		"	10.0		103	79-132				
n-Propylbenzene	11.2		"	10.0		112	78-133				
o-Xylene	10.1		"	10.0		101	78-130				
p- & m- Xylenes	20.5		"	20.0		102	77-133				
p-Diethylbenzene	10.6		"	10.0		106	84-134				
p-Ethyltoluene	12.6		"	10.0		126	88-129				
p-Isopropyltoluene	11.2		"	10.0		112	81-136				
sec-Butylbenzene	11.1		"	10.0		111	79-137				
Styrene	10.1		"	10.0		101	67-132				
tert-Butyl alcohol (TBA)	26.5		"	50.0		52.9	25-162				
tert-Butylbenzene	9.77		"	10.0		97.7	77-138				
Tetrachloroethylene	10.4		"	10.0		104	82-131				
Toluene	10.7		"	10.0		107	80-127				
trans-1,2-Dichloroethylene	9.08		"	10.0		90.8	80-132				
trans-1,3-Dichloropropylene	9.08		"	10.0		90.8	78-131				
Trichloroethylene	10.1		"	10.0		101	82-128				
Trichlorofluoromethane	8.81		"	10.0		88.1	67-139				
Vinyl Chloride	7.83		"	10.0		78.3	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	8.34		"	10.0		83.4	69-130				
Surrogate: SURR: Toluene-d8	10.7		"	10.0		107	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.4		"	10.0		104	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF41251 - EPA 5030B											
LCS Dup (BF41251-BSD1)						Prepared & Analyzed: 06/19/2024					
1,1,1,2-Tetrachloroethane	8.84		ug/L	10.0		88.4	82-126		3.56	30	
1,1,1-Trichloroethane	8.26		"	10.0		82.6	78-136		2.86	30	
1,1,2,2-Tetrachloroethane	11.2		"	10.0		112	76-129		4.00	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.46		"	10.0		94.6	54-165		4.65	30	
1,1,2-Trichloroethane	9.91		"	10.0		99.1	82-123		1.73	30	
1,1-Dichloroethane	8.82		"	10.0		88.2	82-129		3.23	30	
1,1-Dichloroethylene	9.30		"	10.0		93.0	68-138		5.13	30	
1,2,3-Trichlorobenzene	9.09		"	10.0		90.9	76-136		1.78	30	
1,2,3-Trichloropropane	10.5		"	10.0		105	77-128		1.24	30	
1,2,4-Trichlorobenzene	9.29		"	10.0		92.9	76-137		1.92	30	
1,2,4-Trimethylbenzene	10.1		"	10.0		101	82-132		11.1	30	
1,2-Dibromo-3-chloropropane	8.81		"	10.0		88.1	45-147		3.94	30	
1,2-Dibromoethane	9.92		"	10.0		99.2	83-124		2.45	30	
1,2-Dichlorobenzene	10.3		"	10.0		103	79-123		3.17	30	
1,2-Dichloroethane	8.23		"	10.0		82.3	73-132		5.75	30	
1,2-Dichloropropane	9.29		"	10.0		92.9	78-126		9.24	30	
1,3,5-Trimethylbenzene	10.4		"	10.0		104	80-131		10.9	30	
1,3-Dichlorobenzene	10.0		"	10.0		100	86-122		8.94	30	
1,3-Dichloropropane	9.47		"	10.0		94.7	81-125		0.106	30	
1,4-Dichlorobenzene	9.93		"	10.0		99.3	85-124		8.49	30	
1,4-Dioxane	206		"	210		98.0	10-349		15.0	30	
2-Butanone	11.1		"	10.0		111	49-152		13.2	30	
2-Hexanone	9.40		"	10.0		94.0	51-146		12.4	30	
4-Methyl-2-pentanone	8.17		"	10.0		81.7	57-145		8.68	30	
Acetone	8.87		"	10.0		88.7	14-150		11.9	30	
Acrolein	5.45		"	10.0		54.5	10-153		6.83	30	
Acrylonitrile	9.49		"	10.0		94.9	51-150		11.1	30	
Benzene	9.64		"	10.0		96.4	85-126		2.66	30	
Bromochloromethane	8.74		"	10.0		87.4	77-128		2.31	30	
Bromodichloromethane	7.91		"	10.0		79.1	79-128		7.07	30	
Bromoform	8.12		"	10.0		81.2	78-133		4.66	30	
Bromomethane	6.73		"	10.0		67.3	43-168		2.93	30	
Carbon disulfide	9.59		"	10.0		95.9	68-146		6.36	30	
Carbon tetrachloride	7.94		"	10.0		79.4	77-141		3.95	30	
Chlorobenzene	9.66		"	10.0		96.6	88-120		6.80	30	
Chloroethane	7.78		"	10.0		77.8	65-136		5.13	30	
Chloroform	8.56		"	10.0		85.6	82-128		2.08	30	
Chloromethane	6.26		"	10.0		62.6	43-155		4.37	30	
cis-1,2-Dichloroethylene	8.69		"	10.0		86.9	83-129		1.82	30	
cis-1,3-Dichloropropylene	9.04		"	10.0		90.4	80-131		5.80	30	
Cyclohexane	3.98		"	10.0		39.8	63-149	Low Bias	3.46	30	
Dibromochloromethane	8.41		"	10.0		84.1	80-130		1.30	30	
Dibromomethane	8.70		"	10.0		87.0	72-134		2.94	30	
Dichlorodifluoromethane	6.08		"	10.0		60.8	44-144		4.50	30	
Ethyl Benzene	9.71		"	10.0		97.1	80-131		7.63	30	
Hexachlorobutadiene	9.15		"	10.0		91.5	67-146		10.4	30	
Isopropylbenzene	10.1		"	10.0		101	76-140		13.3	30	
Methyl acetate	8.55		"	10.0		85.5	51-139		8.54	30	
Methyl tert-butyl ether (MTBE)	9.33		"	10.0		93.3	76-135		9.90	30	
Methylcyclohexane	9.21		"	10.0		92.1	72-143		11.2	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	Limit	Flag
Batch BF41251 - EPA 5030B											
LCS Dup (BF41251-BSD1)						Prepared & Analyzed: 06/19/2024					
Methylene chloride	8.47		ug/L	10.0		84.7	55-137		0.354	30	
Naphthalene	9.56		"	10.0		95.6	70-147		7.38	30	
n-Butylbenzene	9.26		"	10.0		92.6	79-132		10.2	30	
n-Propylbenzene	9.88		"	10.0		98.8	78-133		12.4	30	
o-Xylene	9.46		"	10.0		94.6	78-130		6.15	30	
p- & m- Xylenes	19.1		"	20.0		95.3	77-133		7.09	30	
p-Diethylbenzene	9.55		"	10.0		95.5	84-134		10.7	30	
p-Ethyltoluene	11.2		"	10.0		112	88-129		11.5	30	
p-Isopropyltoluene	9.99		"	10.0		99.9	81-136		11.3	30	
sec-Butylbenzene	9.82		"	10.0		98.2	79-137		12.0	30	
Styrene	9.59		"	10.0		95.9	67-132		5.18	30	
tert-Butyl alcohol (TBA)	36.5		"	50.0		72.9	25-162		31.7	30	Non-dir.
tert-Butylbenzene	8.70		"	10.0		87.0	77-138		11.6	30	
Tetrachloroethylene	9.42		"	10.0		94.2	82-131		9.60	30	
Toluene	9.83		"	10.0		98.3	80-127		8.29	30	
trans-1,2-Dichloroethylene	8.83		"	10.0		88.3	80-132		2.79	30	
trans-1,3-Dichloropropylene	9.04		"	10.0		90.4	78-131		0.442	30	
Trichloroethylene	8.91		"	10.0		89.1	82-128		12.7	30	
Trichlorofluoromethane	8.38		"	10.0		83.8	67-139		5.00	30	
Vinyl Chloride	7.43		"	10.0		74.3	58-145		5.24	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	9.11		"	10.0		91.1	69-130				
Surrogate: SURR: Toluene-d8	10.2		"	10.0		102	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.0		"	10.0		100	79-122				
Matrix Spike (BF41251-MS1)						*Source sample: 24F0825-05 (GP-10 S) Prepared & Analyzed: 06/19/2024					
1,1,1,2-Tetrachloroethane	7.68		ug/L	10.0	0.00	76.8	45-161				
1,1,1-Trichloroethane	7.27		"	10.0	0.00	72.7	70-146				
1,1,2,2-Tetrachloroethane	9.94		"	10.0	0.00	99.4	74-121				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	6.79		"	10.0	0.00	67.9	21-217				
1,1,2-Trichloroethane	28.2		"	10.0	0.00	282	59-146	High Bias			
1,1-Dichloroethane	7.76		"	10.0	0.00	77.6	54-146				
1,1-Dichloroethylene	8.16		"	10.0	0.00	81.6	44-165				
1,2,3-Trichlorobenzene	7.53		"	10.0	0.00	75.3	40-161				
1,2,3-Trichloropropane	9.65		"	10.0	0.00	96.5	74-127				
1,2,4-Trichlorobenzene	7.60		"	10.0	0.00	76.0	41-161				
1,2,4-Trimethylbenzene	118		"	10.0	534	NR	72-129	Low Bias			
1,2-Dibromo-3-chloropropane	14.2		"	10.0	0.00	142	31-151				
1,2-Dibromoethane	9.49		"	10.0	0.00	94.9	75-125				
1,2-Dichlorobenzene	8.89		"	10.0	0.00	88.9	63-122				
1,2-Dichloroethane	7.20		"	10.0	0.00	72.0	68-131				
1,2-Dichloropropane	10.2		"	10.0	0.00	102	77-121				
1,3,5-Trimethylbenzene	45.6		"	10.0	181	NR	69-126	Low Bias			
1,3-Dichlorobenzene	8.45		"	10.0	0.00	84.5	74-119				
1,3-Dichloropropane	9.13		"	10.0	0.00	91.3	77-119				
1,4-Dichlorobenzene	8.33		"	10.0	0.00	83.3	70-124				
1,4-Dioxane	161		"	210	0.00	76.7	10-310				
2-Butanone	8.06		"	10.0	0.00	80.6	10-193				
2-Hexanone	10.1		"	10.0	0.00	101	53-133				
4-Methyl-2-pentanone	8.33		"	10.0	0.00	83.3	38-150				
Acetone	13.2		"	10.0	0.00	132	13-149				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BF41251 - EPA 5030B

Matrix Spike (BF41251-MS1)	*Source sample: 24F0825-05 (GP-10 S)					Prepared & Analyzed: 06/19/2024					
Acrolein	4.30		ug/L	10.0	0.00	43.0	10-195				
Acrylonitrile	7.86		"	10.0	0.00	78.6	37-165				
Benzene	8.46		"	10.0	0.00	84.6	38-155				
Bromochloromethane	7.47		"	10.0	0.00	74.7	75-121	Low Bias			
Bromodichloromethane	7.50		"	10.0	0.00	75.0	70-129				
Bromoform	6.97		"	10.0	0.00	69.7	66-136				
Bromomethane	4.90		"	10.0	0.00	49.0	30-158				
Carbon disulfide	8.12		"	10.0	0.00	81.2	10-138				
Carbon tetrachloride	6.64		"	10.0	0.00	66.4	71-146	Low Bias			
Chlorobenzene	8.99		"	10.0	0.00	89.9	81-117				
Chloroethane	7.10		"	10.0	0.00	71.0	51-145				
Chloroform	7.60		"	10.0	0.00	76.0	80-124	Low Bias			
Chloromethane	5.51		"	10.0	0.00	55.1	16-163				
cis-1,2-Dichloroethylene	8.02		"	10.0	3.25	47.7	76-125	Low Bias			
cis-1,3-Dichloropropylene	8.77		"	10.0	0.00	87.7	58-131				
Cyclohexane	5.46		"	10.0	11.4	NR	70-130	Low Bias			
Dibromochloromethane	7.78		"	10.0	0.00	77.8	71-129				
Dibromomethane	8.48		"	10.0	0.00	84.8	76-120				
Dichlorodifluoromethane	4.59		"	10.0	0.00	45.9	30-147				
Ethyl Benzene	83.2		"	10.0	371	NR	72-128	Low Bias			
Hexachlorobutadiene	6.28		"	10.0	0.00	62.8	34-166				
Isopropylbenzene	18.3		"	10.0	47.5	NR	66-139	Low Bias			
Methyl acetate	7.43		"	10.0	0.00	74.3	10-200				
Methyl tert-butyl ether (MTBE)	7.91		"	10.0	0.00	79.1	75-128				
Methylcyclohexane	69.0		"	10.0	294	NR	70-130	Low Bias			
Methylene chloride	7.34		"	10.0	0.00	73.4	57-128				
Naphthalene	19.1		"	10.0	49.2	NR	39-158	Low Bias			
n-Butylbenzene	13.6		"	10.0	32.0	NR	61-138	Low Bias			
n-Propylbenzene	34.3		"	10.0	126	NR	66-134	Low Bias			
o-Xylene	8.57		"	10.0	0.00	85.7	69-126				
p- & m- Xylenes	184		"	20.0	838	NR	67-130	Low Bias			
p-Diethylbenzene	27.1		"	10.0	95.2	NR	52-150	Low Bias			
p-Ethyltoluene	34.8		"	10.0	127	NR	76-127	Low Bias			
p-Isopropyltoluene	14.4		"	10.0	31.8	NR	64-137	Low Bias			
sec-Butylbenzene	15.6		"	10.0	37.1	NR	53-155	Low Bias			
Styrene	8.74		"	10.0	0.00	87.4	69-125				
tert-Butyl alcohol (TBA)	38.0		"	50.0	0.00	76.0	10-130				
tert-Butylbenzene	8.48		"	10.0	5.60	28.8	65-139	Low Bias			
Tetrachloroethylene	8.37		"	10.0	0.00	83.7	64-139				
Toluene	9.39		"	10.0	0.00	93.9	76-123				
trans-1,2-Dichloroethylene	7.57		"	10.0	0.00	75.7	79-131	Low Bias			
trans-1,3-Dichloropropylene	8.43		"	10.0	0.00	84.3	55-130				
Trichloroethylene	8.62		"	10.0	0.00	86.2	53-145				
Trichlorofluoromethane	7.00		"	10.0	0.00	70.0	61-142				
Vinyl Chloride	6.74		"	10.0	0.00	67.4	31-165				
Surrogate: SURR: 1,2-Dichloroethane-d4	8.30		"	10.0		83.0	69-130				
Surrogate: SURR: Toluene-d8	10.5		"	10.0		105	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.43		"	10.0		94.3	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF41251 - EPA 5030B											
Matrix Spike Dup (BF41251-MSD1)		*Source sample: 24F0825-05 (GP-10 S)					Prepared & Analyzed: 06/19/2024				
1,1,1,2-Tetrachloroethane	8.72		ug/L	10.0	0.00	87.2	45-161		12.7	30	
1,1,1-Trichloroethane	8.18		"	10.0	0.00	81.8	70-146		11.8	30	
1,1,2,2-Tetrachloroethane	10.7		"	10.0	0.00	107	74-121		7.27	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	7.42		"	10.0	0.00	74.2	21-217		8.87	30	
1,1,2-Trichloroethane	29.1		"	10.0	0.00	291	59-146	High Bias	3.14	30	
1,1-Dichloroethane	8.74		"	10.0	0.00	87.4	54-146		11.9	30	
1,1-Dichloroethylene	9.07		"	10.0	0.00	90.7	44-165		10.6	30	
1,2,3-Trichlorobenzene	8.09		"	10.0	0.00	80.9	40-161		7.17	30	
1,2,3-Trichloropropane	10.4		"	10.0	0.00	104	74-127		7.48	30	
1,2,4-Trichlorobenzene	7.94		"	10.0	0.00	79.4	41-161		4.38	30	
1,2,4-Trimethylbenzene	120		"	10.0	534	NR	72-129	Low Bias	1.77	30	
1,2-Dibromo-3-chloropropane	14.1		"	10.0	0.00	141	31-151		0.353	30	
1,2-Dibromoethane	10.5		"	10.0	0.00	105	75-125		9.72	30	
1,2-Dichlorobenzene	9.50		"	10.0	0.00	95.0	63-122		6.63	30	
1,2-Dichloroethane	7.92		"	10.0	0.00	79.2	68-131		9.52	30	
1,2-Dichloropropane	11.2		"	10.0	0.00	112	77-121		9.57	30	
1,3,5-Trimethylbenzene	46.8		"	10.0	181	NR	69-126	Low Bias	2.57	30	
1,3-Dichlorobenzene	8.85		"	10.0	0.00	88.5	74-119		4.62	30	
1,3-Dichloropropane	10.2		"	10.0	0.00	102	77-119		11.6	30	
1,4-Dichlorobenzene	8.88		"	10.0	0.00	88.8	70-124		6.39	30	
1,4-Dioxane	223		"	210	0.00	106	10-310			30	
2-Butanone	8.57		"	10.0	0.00	85.7	10-193		6.13	30	
2-Hexanone	11.0		"	10.0	0.00	110	53-133		8.71	30	
4-Methyl-2-pentanone	9.14		"	10.0	0.00	91.4	38-150		9.27	30	
Acetone	14.2		"	10.0	0.00	142	13-149		7.74	30	
Acrolein	4.39		"	10.0	0.00	43.9	10-195		2.07	30	
Acrylonitrile	8.44		"	10.0	0.00	84.4	37-165		7.12	30	
Benzene	9.28		"	10.0	0.00	92.8	38-155		9.24	30	
Bromochloromethane	8.27		"	10.0	0.00	82.7	75-121		10.2	30	
Bromodichloromethane	8.27		"	10.0	0.00	82.7	70-129		9.77	30	
Bromoform	7.99		"	10.0	0.00	79.9	66-136		13.6	30	
Bromomethane	6.12		"	10.0	0.00	61.2	30-158		22.1	30	
Carbon disulfide	8.92		"	10.0	0.00	89.2	10-138		9.39	30	
Carbon tetrachloride	7.50		"	10.0	0.00	75.0	71-146		12.2	30	
Chlorobenzene	10.0		"	10.0	0.00	100	81-117		10.6	30	
Chloroethane	7.44		"	10.0	0.00	74.4	51-145		4.68	30	
Chloroform	8.31		"	10.0	0.00	83.1	80-124		8.93	30	
Chloromethane	5.60		"	10.0	0.00	56.0	16-163		1.62	30	
cis-1,2-Dichloroethylene	8.90		"	10.0	3.25	56.5	76-125	Low Bias	10.4	30	
cis-1,3-Dichloropropylene	9.70		"	10.0	0.00	97.0	58-131		10.1	30	
Cyclohexane	5.88		"	10.0	11.4	NR	70-130	Low Bias	7.41	30	
Dibromochloromethane	8.82		"	10.0	0.00	88.2	71-129		12.5	30	
Dibromomethane	9.21		"	10.0	0.00	92.1	76-120		8.25	30	
Dichlorodifluoromethane	4.53		"	10.0	0.00	45.3	30-147		1.32	30	
Ethyl Benzene	87.3		"	10.0	371	NR	72-128	Low Bias	4.80	30	
Hexachlorobutadiene	6.58		"	10.0	0.00	65.8	34-166		4.67	30	
Isopropylbenzene	19.0		"	10.0	47.5	NR	66-139	Low Bias	3.75	30	
Methyl acetate	8.09		"	10.0	0.00	80.9	10-200		8.51	30	
Methyl tert-butyl ether (MTBE)	8.88		"	10.0	0.00	88.8	75-128		11.6	30	
Methylcyclohexane	70.8		"	10.0	294	NR	70-130	Low Bias	2.55	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BF41251 - EPA 5030B

Matrix Spike Dup (BF41251-MSD1)	*Source sample: 24F0825-05 (GP-10 S)					Prepared & Analyzed: 06/19/2024					
Methylene chloride	8.07		ug/L	10.0	0.00	80.7	57-128		9.47	30	
Naphthalene	19.8		"	10.0	49.2	NR	39-158	Low Bias	3.29	30	
n-Butylbenzene	14.0		"	10.0	32.0	NR	61-138	Low Bias	2.61	30	
n-Propylbenzene	33.1		"	10.0	126	NR	66-134	Low Bias	3.41	30	
o-Xylene	9.41		"	10.0	0.00	94.1	69-126		9.34	30	
p- & m- Xylenes	193		"	20.0	838	NR	67-130	Low Bias	4.38	30	
p-Diethylbenzene	28.1		"	10.0	95.2	NR	52-150	Low Bias	3.59	30	
p-Ethyltoluene	35.0		"	10.0	127	NR	76-127	Low Bias	0.659	30	
p-Isopropyltoluene	14.8		"	10.0	31.8	NR	64-137	Low Bias	3.09	30	
sec-Butylbenzene	16.3		"	10.0	37.1	NR	53-155	Low Bias	4.70	30	
Styrene	9.63		"	10.0	0.00	96.3	69-125		9.69	30	
tert-Butyl alcohol (TBA)	40.8		"	50.0	0.00	81.7	10-130		7.18	30	
tert-Butylbenzene	9.17		"	10.0	5.60	35.7	65-139	Low Bias	7.82	30	
Tetrachloroethylene	8.92		"	10.0	0.00	89.2	64-139		6.36	30	
Toluene	10.2		"	10.0	0.00	102	76-123		7.98	30	
trans-1,2-Dichloroethylene	8.36		"	10.0	0.00	83.6	79-131		9.92	30	
trans-1,3-Dichloropropylene	9.30		"	10.0	0.00	93.0	55-130		9.81	30	
Trichloroethylene	9.31		"	10.0	0.00	93.1	53-145		7.70	30	
Trichlorofluoromethane	7.53		"	10.0	0.00	75.3	61-142		7.30	30	
Vinyl Chloride	7.07		"	10.0	0.00	70.7	31-165		4.78	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	8.29		"	10.0		82.9	69-130				
Surrogate: SURR: Toluene-d8	10.5		"	10.0		105	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.35		"	10.0		93.5	79-122				

Batch BF41252 - EPA 5030B

Blank (BF41252-BLK1)	Prepared & Analyzed: 06/20/2024										
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Flag	RPD	RPD	
		Limit								Limit	Flag

Batch BF41252 - EPA 5030B

Blank (BF41252-BLK1)

Prepared & Analyzed: 06/20/2024

Acetone	ND	2.00	ug/L								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
Naphthalene	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Diethylbenzene	ND	0.500	"								
p-Ethyltoluene	ND	0.500	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	9.46		"	10.0		94.6	69-130				
Surrogate: SURR: Toluene-d8	10.4		"	10.0		104	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.2		"	10.0		102	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF41252 - EPA 5030B											
LCS (BF41252-BS1)						Prepared & Analyzed: 06/20/2024					
1,1,1,2-Tetrachloroethane	9.01		ug/L	10.0		90.1	82-126				
1,1,1-Trichloroethane	8.80		"	10.0		88.0	78-136				
1,1,2,2-Tetrachloroethane	10.2		"	10.0		102	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.60		"	10.0		96.0	54-165				
1,1,2-Trichloroethane	9.48		"	10.0		94.8	82-123				
1,1-Dichloroethane	8.80		"	10.0		88.0	82-129				
1,1-Dichloroethylene	9.54		"	10.0		95.4	68-138				
1,2,3-Trichlorobenzene	8.57		"	10.0		85.7	76-136				
1,2,3-Trichloropropane	10.1		"	10.0		101	77-128				
1,2,4-Trichlorobenzene	9.29		"	10.0		92.9	76-137				
1,2,4-Trimethylbenzene	10.7		"	10.0		107	82-132				
1,2-Dibromo-3-chloropropane	8.58		"	10.0		85.8	45-147				
1,2-Dibromoethane	9.42		"	10.0		94.2	83-124				
1,2-Dichlorobenzene	10.4		"	10.0		104	79-123				
1,2-Dichloroethane	7.94		"	10.0		79.4	73-132				
1,2-Dichloropropane	9.67		"	10.0		96.7	78-126				
1,3,5-Trimethylbenzene	11.2		"	10.0		112	80-131				
1,3-Dichlorobenzene	10.6		"	10.0		106	86-122				
1,3-Dichloropropane	9.14		"	10.0		91.4	81-125				
1,4-Dichlorobenzene	10.5		"	10.0		105	85-124				
1,4-Dioxane	143		"	210		68.1	10-349				
2-Butanone	8.03		"	10.0		80.3	49-152				
2-Hexanone	8.26		"	10.0		82.6	51-146				
4-Methyl-2-pentanone	7.34		"	10.0		73.4	57-145				
Acetone	7.38		"	10.0		73.8	14-150				
Acrolein	4.29		"	10.0		42.9	10-153				
Acrylonitrile	7.98		"	10.0		79.8	51-150				
Benzene	9.68		"	10.0		96.8	85-126				
Bromochloromethane	8.36		"	10.0		83.6	77-128				
Bromodichloromethane	8.40		"	10.0		84.0	79-128				
Bromoform	7.90		"	10.0		79.0	78-133				
Bromomethane	6.97		"	10.0		69.7	43-168				
Carbon disulfide	9.65		"	10.0		96.5	68-146				
Carbon tetrachloride	8.49		"	10.0		84.9	77-141				
Chlorobenzene	10.0		"	10.0		100	88-120				
Chloroethane	7.96		"	10.0		79.6	65-136				
Chloroform	8.84		"	10.0		88.4	82-128				
Chloromethane	6.24		"	10.0		62.4	43-155				
cis-1,2-Dichloroethylene	8.97		"	10.0		89.7	83-129				
cis-1,3-Dichloropropylene	9.41		"	10.0		94.1	80-131				
Cyclohexane	4.12		"	10.0		41.2	63-149	Low Bias			
Dibromochloromethane	8.60		"	10.0		86.0	80-130				
Dibromomethane	8.56		"	10.0		85.6	72-134				
Dichlorodifluoromethane	5.29		"	10.0		52.9	44-144				
Ethyl Benzene	10.2		"	10.0		102	80-131				
Hexachlorobutadiene	9.66		"	10.0		96.6	67-146				
Isopropylbenzene	11.0		"	10.0		110	76-140				
Methyl acetate	7.79		"	10.0		77.9	51-139				
Methyl tert-butyl ether (MTBE)	8.28		"	10.0		82.8	76-135				
Methylcyclohexane	9.89		"	10.0		98.9	72-143				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF41252 - EPA 5030B											
LCS (BF41252-BS1)						Prepared & Analyzed: 06/20/2024					
Methylene chloride	8.34		ug/L	10.0		83.4	55-137				
Naphthalene	8.79		"	10.0		87.9	70-147				
n-Butylbenzene	10.0		"	10.0		100	79-132				
n-Propylbenzene	10.7		"	10.0		107	78-133				
o-Xylene	9.79		"	10.0		97.9	78-130				
p- & m- Xylenes	20.0		"	20.0		100	77-133				
p-Diethylbenzene	10.2		"	10.0		102	84-134				
p-Ethyltoluene	12.1		"	10.0		121	88-129				
p-Isopropyltoluene	10.7		"	10.0		107	81-136				
sec-Butylbenzene	10.6		"	10.0		106	79-137				
Styrene	9.81		"	10.0		98.1	67-132				
tert-Butyl alcohol (TBA)	32.6		"	50.0		65.3	25-162				
tert-Butylbenzene	9.34		"	10.0		93.4	77-138				
Tetrachloroethylene	10.3		"	10.0		103	82-131				
Toluene	10.3		"	10.0		103	80-127				
trans-1,2-Dichloroethylene	8.88		"	10.0		88.8	80-132				
trans-1,3-Dichloropropylene	8.72		"	10.0		87.2	78-131				
Trichloroethylene	9.74		"	10.0		97.4	82-128				
Trichlorofluoromethane	8.76		"	10.0		87.6	67-139				
Vinyl Chloride	7.36		"	10.0		73.6	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	8.84		"	10.0		88.4	69-130				
Surrogate: SURR: Toluene-d8	10.5		"	10.0		105	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.3		"	10.0		103	79-122				
LCS Dup (BF41252-BSD1)						Prepared & Analyzed: 06/20/2024					
1,1,1,2-Tetrachloroethane	8.98		ug/L	10.0		89.8	82-126		0.334	30	
1,1,1-Trichloroethane	8.45		"	10.0		84.5	78-136		4.06	30	
1,1,2,2-Tetrachloroethane	10.8		"	10.0		108	76-129		5.32	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.45		"	10.0		94.5	54-165		1.57	30	
1,1,2-Trichloroethane	9.87		"	10.0		98.7	82-123		4.03	30	
1,1-Dichloroethane	8.75		"	10.0		87.5	82-129		0.570	30	
1,1-Dichloroethylene	9.37		"	10.0		93.7	68-138		1.80	30	
1,2,3-Trichlorobenzene	8.76		"	10.0		87.6	76-136		2.19	30	
1,2,3-Trichloropropane	10.5		"	10.0		105	77-128		4.17	30	
1,2,4-Trichlorobenzene	9.02		"	10.0		90.2	76-137		2.95	30	
1,2,4-Trimethylbenzene	10.0		"	10.0		100	82-132		6.27	30	
1,2-Dibromo-3-chloropropane	9.22		"	10.0		92.2	45-147		7.19	30	
1,2-Dibromoethane	10.2		"	10.0		102	83-124		7.56	30	
1,2-Dichlorobenzene	9.99		"	10.0		99.9	79-123		4.41	30	
1,2-Dichloroethane	8.50		"	10.0		85.0	73-132		6.81	30	
1,2-Dichloropropane	9.59		"	10.0		95.9	78-126		0.831	30	
1,3,5-Trimethylbenzene	10.3		"	10.0		103	80-131		7.81	30	
1,3-Dichlorobenzene	9.94		"	10.0		99.4	86-122		6.90	30	
1,3-Dichloropropane	9.78		"	10.0		97.8	81-125		6.77	30	
1,4-Dichlorobenzene	9.81		"	10.0		98.1	85-124		6.79	30	
1,4-Dioxane	212		"	210		101	10-349		38.6	30	Non-dir.
2-Butanone	8.99		"	10.0		89.9	49-152		11.3	30	
2-Hexanone	9.45		"	10.0		94.5	51-146		13.4	30	
4-Methyl-2-pentanone	8.40		"	10.0		84.0	57-145		13.5	30	
Acetone	9.44		"	10.0		94.4	14-150		24.5	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BF41252 - EPA 5030B

LCS Dup (BF41252-BSD1)

Prepared & Analyzed: 06/20/2024

Acrolein	4.61		ug/L	10.0		46.1	10-153		7.19	30	
Acrylonitrile	9.07		"	10.0		90.7	51-150		12.8	30	
Benzene	9.55		"	10.0		95.5	85-126		1.35	30	
Bromochloromethane	8.69		"	10.0		86.9	77-128		3.87	30	
Bromodichloromethane	8.43		"	10.0		84.3	79-128		0.357	30	
Bromoform	8.55		"	10.0		85.5	78-133		7.90	30	
Bromomethane	6.93		"	10.0		69.3	43-168		0.576	30	
Carbon disulfide	9.52		"	10.0		95.2	68-146		1.36	30	
Carbon tetrachloride	8.35		"	10.0		83.5	77-141		1.66	30	
Chlorobenzene	9.78		"	10.0		97.8	88-120		2.52	30	
Chloroethane	7.79		"	10.0		77.9	65-136		2.16	30	
Chloroform	8.68		"	10.0		86.8	82-128		1.83	30	
Chloromethane	6.14		"	10.0		61.4	43-155		1.62	30	
cis-1,2-Dichloroethylene	8.71		"	10.0		87.1	83-129		2.94	30	
cis-1,3-Dichloropropylene	9.36		"	10.0		93.6	80-131		0.533	30	
Cyclohexane	3.97		"	10.0		39.7	63-149	Low Bias	3.71	30	
Dibromochloromethane	8.90		"	10.0		89.0	80-130		3.43	30	
Dibromomethane	9.27		"	10.0		92.7	72-134		7.96	30	
Dichlorodifluoromethane	5.29		"	10.0		52.9	44-144		0.00	30	
Ethyl Benzene	9.80		"	10.0		98.0	80-131		3.61	30	
Hexachlorobutadiene	8.85		"	10.0		88.5	67-146		8.75	30	
Isopropylbenzene	10.1		"	10.0		101	76-140		8.65	30	
Methyl acetate	8.86		"	10.0		88.6	51-139		12.9	30	
Methyl tert-butyl ether (MTBE)	9.27		"	10.0		92.7	76-135		11.3	30	
Methylcyclohexane	9.54		"	10.0		95.4	72-143		3.60	30	
Methylene chloride	8.44		"	10.0		84.4	55-137		1.19	30	
Naphthalene	9.01		"	10.0		90.1	70-147		2.47	30	
n-Butylbenzene	9.35		"	10.0		93.5	79-132		7.12	30	
n-Propylbenzene	9.83		"	10.0		98.3	78-133		8.57	30	
o-Xylene	9.46		"	10.0		94.6	78-130		3.43	30	
p- & m- Xylenes	19.1		"	20.0		95.5	77-133		4.60	30	
p-Diethylbenzene	9.55		"	10.0		95.5	84-134		6.68	30	
p-Ethyltoluene	11.2		"	10.0		112	88-129		7.38	30	
p-Isopropyltoluene	10.0		"	10.0		100	81-136		6.09	30	
sec-Butylbenzene	9.89		"	10.0		98.9	79-137		7.31	30	
Styrene	9.62		"	10.0		96.2	67-132		1.96	30	
tert-Butyl alcohol (TBA)	41.8		"	50.0		83.6	25-162		24.7	30	
tert-Butylbenzene	8.75		"	10.0		87.5	77-138		6.52	30	
Tetrachloroethylene	9.77		"	10.0		97.7	82-131		5.09	30	
Toluene	9.88		"	10.0		98.8	80-127		4.07	30	
trans-1,2-Dichloroethylene	8.76		"	10.0		87.6	80-132		1.36	30	
trans-1,3-Dichloropropylene	9.17		"	10.0		91.7	78-131		5.03	30	
Trichloroethylene	9.26		"	10.0		92.6	82-128		5.05	30	
Trichlorofluoromethane	8.65		"	10.0		86.5	67-139		1.26	30	
Vinyl Chloride	7.19		"	10.0		71.9	58-145		2.34	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	9.32		"	10.0		93.2	69-130				
Surrogate: SURR: Toluene-d8	10.3		"	10.0		103	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.93		"	10.0		99.3	79-122				



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24F0825-01	GP-12 S	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24F0825-02	GP-12 D	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24F0825-03	GP-14 S	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24F0825-04	GP-14 D	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24F0825-05	GP-10 S	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24F0825-06	GP-10 D	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24F0825-07	GP-15 S	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24F0825-08	GP-16 S	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24F0825-09	GP-16 D	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24F0825-10	TB-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24F0825-11	GP-7 S	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24F0825-12	GP-8 S	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24F0825-13	GW-15	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24F0825-14	EB-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24F0825-15	GW-3 S	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Sample and Data Qualifiers Relating to This Work Order

S-HI	Surrogate recovery is above acceptance limits. No target compound is detected in sample.
S-08	The recovery of this surrogate was outside of QC limits.
QL-02	This LCS analyte is outside Laboratory Recovery limits due to the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
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.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	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).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

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

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



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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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



York Analytical Laboratories, Inc.
120 Research Drive 132-02 89th Ave
Stratford, CT 06615 Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No.

24F0825

Page 1 of 2

YOUR INFORMATION			Report To:		Invoice To:		YOUR Project Number		Turn-Around Time	
Company:	DERMODY CONSULTING		Company:	PETER	Company:	SAME			RUSH - Next Day	
Address:			Address:		Address:				RUSH - Two Day	
Phone:			Phone:		Phone:				RUSH - Three Day	
Contact:			Contact:		Contact:				RUSH - Four Day	
E-mail:			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.			Samples Collected by: (print your name above and sign below)		Report / EDD Type (circle selections)		YORK Reg. Comp.			
			Peter Dermody		Summary Report CT RCP CT RCP DQA/DUE NY ASP A Package NY ASP B Package NJDEP Reduced Deliverables NJDEP SRP HazSite NJDKQP Other:		Compared to the following Regulation(s): (please fill in)			
Sample Identification			Matrix Codes	Samples From	Date/Time Sampled	Analysis Requested	Container Description			
GP-12 S			S - soil / solid	New York	6/11/24	VOCs, SVOCs	3 vials 2 canisters			
GP-12 D			GW - groundwater	New Jersey		VOCs	3 vials			
GP-14 S			DW - drinking water	Connecticut		VOCs, SVOCs	3 Vials, 2 AS			
GP-14 D			WW - wastewater	Pennsylvania		VOCs	3 Vials			
GP-10 S			O - Oil ; Other	Other		VOCs, SVOCs	2 AS, 3 Vials			
GP-10 D						VOCs	3 Vials			
GP-15 S						VOCs, SVOCs	3 Vials, 2 AS			
GP-16 S						VOCs, SVOCs	3 Vials, 2 AS			
GP-16 D						VOCs	3 Vials			
TB-1						VOCs	2 Vials			
Comments:										
Preservation: (check all that apply) HCl ☒ MeOH ☐ HNO3 ☐ H2SO4 ☐ NaOH ☐ ZnAc ☐ Ascorbic Acid ☐ Other: ☐										
Samples Relinquished by / Company		Date/Time	Samples Received by / Company		Date/Time	Special Instruction		Field Filtered Lab to Filter		
JBL		230P	K. Bader		6/12/24 12P			6/12/24 1645		
Samples Received by / Company		Date/Time	Samples Relinquished by / Company		Date/Time					
Samples Relinquished by / Company		Date/Time	Samples Received by / Company		Date/Time	Temp. Received at Lab		Degrees C		
						2.6				



YORK
ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc.
120 Research Drive
Stratford, CT 06615
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record

YORK Project No.

24F0825

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 2 of 2

YOUR INFORMATION

Company: DEAMIOY
Address: CONSULTING
Phone: _____
Contact: _____
E-mail: _____

Report To:

Company: PETER
Address: DEMIOY
Phone: _____
Contact: _____
E-mail: _____

Invoice To:

Company: SAME
Address: _____
Phone: _____
Contact: _____
E-mail: _____

YOUR Project Number

YOUR Project Name
Elkg

Turn-Around Time

RUSH - Next Day
RUSH - Two Day
RUSH - Three Day
RUSH - Four Day
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.

Samples Collected by: Peter Demioy

Signature: [Signature]

Report / EDD Type (circle selections)

Summary Report
QA Report
NY ASP A Package
NY ASP B Package
CT RCP
CT RCP DQADUE
NJDEP Reduced Deliverables
NJDEP SRP HazSite
Standard Excel EDD
EQUIS (Standard)
NYSDEC EQUIS
Other:

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Sample Identification

GP-10 S MS
GP-10 S MSD
GP-7 S
GP-8 S
GW-15
GB-1
GB-4
GW-3 S

Analysis Requested

VOCs, SVOCs
VOCs, SVOCs
VOCs, SVOCs
VOCs, SVOCs
VOCs, SVOCs
VOCs, SVOCs
VOCs, SVOCs
VOCs, SVOCs

Container Description

3 VS, 2 AS
3 VS, 2 AS
3 VS, 2 AS
3 VS, 2 AS
3 VS, 2 AS
3 VS, 2 AS
3 VS, 2 AS
3 VS, 2 AS

Comments:

Preservation: (check all that apply)

HCl MeOH HNO₃ H₂SO₄ NaOH ZnAc
Ascorbic Acid Other:

Samples Relinquished By / Company

Date/Time

2300

Signature: [Signature]

Date/Time

6/12/24

Signature: [Signature]

Date/Time

6/12/24