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November 12, 2021

Mr. Kevin Geraghty
Town Supervisor
Town of Warrensburg
3797 Main Street
Warrensburg, NY 12885

Re: Focused Phase II Environmental Site Assessment (PII ESA)
Town of Warrensburg DPW Property
5-13 (odd numbers) King Street, Town of Warrensburg, Warren County, NY
Chazen Project # 42141.00

Dear Mr. Geraghty:

Chazen, a LaBella Company (Chazen) is pleased to submit this summary of a Focused Phase II Environmental Assessment (Phase II ESA) conducted at the above-referenced Warrensburg DPW property (hereinafter referred to as the Site) (see **Figure 1**).

This Focused Phase II ESA was conducted to investigate the following Phase I ESA findings that were considered recognized environmental conditions (RECs) and significant data gaps (SDGs).

- REC 1: The Site has been used for Town vehicle repairs from the 1920s through the late 2010s. Based on the length of time the Site was used for repairs, the presence of waste oil on the Site, the unknown former outlet for the floor drains and the discharge location of the oil-water separator, the potential for vehicle fueling tanks on the Site prior to installation of the four USTs between 1970 and 1984, and the stained concrete, the use of the Site for as a Town garage is considered a **REC** and a potential **VEC**.
- REC 2: Discarded asphalt material is on western side of shed. Based on the nature of asphalt, this material is considered a **REC**.
- SDG 1: The lack of information regarding prior heating sources for the former house and the present-day garage is considered an **SDG**, as well as unknown feature visible on a 1985 aerial photograph in the northern Site area. Chazen notes that the owner representative indicated that no evidence of prior tanks was observed during demolition of the former house, and the foundation of this structure has been removed.

This Focused Phase II ESA consisted of subsurface utility location and designation, followed by sampling and analysis of soil and groundwater samples, as described in the following sections.

Subsurface Utility Designating

On October 29, 2021, a Chazen field technician conducted a subsurface utility investigation in the areas surrounding the Site building, as well as in the northern Site area (former house area) to look for evidence of floor drain outlets, underground storage tanks (USTs) and other subsurface utilities. Noted features were marked in the field by painting the approximate centerlines on the ground surfaces at reasonable distances and/or placing colored flags where needed. The sketch below shows approximate locations of identified features that included the following:

- Two anomalies potentially suggestive of USTs were noted during this visit (one in northwestern parcel) and one in southeastern corner of Site), plus one known UST east of the site building was marked out.

- Sewer and water lines on the central, southern and eastern portions of the Site.
- The floor drains in the building appear to drain to the north (rear) of the building, where they appear to tie into the sewer system.
- The study did not identify the location of the oil-water separator.

Focused Subsurface Investigation

Soil and Groundwater

On November 3, 2021, focused subsurface field investigation activities were conducted by Chazen staff, with our drilling subcontractor, Core Down Drilling, of Brewster, New York. Based on the results of the identified anomalies, five soil borings were installed. One surface soil sample was also collected.

Soil borings were advanced via a track-mounted Geoprobe Model 7822DT drilling rig equipped with a MacroCore MC-5 sampler to obtain continuous soil cores. A Chazen geologist observed each soil boring installation, characterized the soils geologically, screened for evidence of contamination, and prepared soil samples for laboratory analyses. Soil samples were field screened for volatile organic compounds (VOCs) using a photoionization detector (PID). In four locations where sufficient groundwater was encountered, a temporary groundwater sampling point (TGSP) constructed of one-inch diameter polyvinyl chloride (PVC) pipe was placed into the borehole to facilitate water sample collection. Soil boring logs are included in **Appendix A**. Boring locations are shown on **Figure 2** and described below:

- Soil boring SB-01 was installed near an anomaly in the northern site area (former house area). This boring was advanced to 10 feet bgs without refusal. No obvious evidence (odors, staining, elevated PID readings, free-phase liquids) of impacts was noted in this location. One soil sample was collected from the 5.5-6.5 feet bgs interval at SB-1 (representing the water table interval). The soil sample from SB-01 was analyzed for the CP-51 list of petroleum-range volatile organic compounds (VOCs) and the CP-51 list of petroleum-range semi-volatile organic compounds (SVOCs).

- Soil borings SB-02 and SB-03 were installed in the eastern site area (where a sand pile was formerly located). Boring SB-02 was centrally located in this area (as requested by the Town to gather general information about this Stie area), and boring SB-03 was located to the west of an anomaly identified by GPR in this area. Borings were advanced to 10 feet bgs without refusal. No obvious evidence (odors, staining, elevated PID readings, free-phase liquids) of impacts were noted in any of these locations. One soil sample was collected from each boring, at depths ranging between 3.5 to 5 feet bgs (representing the groundwater table interval). A TGSP was placed in each of these locations. Soil and groundwater samples from these locations were analyzed for the NYSDEC Part 375 list of VOCs, the CP-51 list of petroleum-range SVOCs, and the NYSDEC Part 375 list of metals. Groundwater was sampled and analyzed for both total and (field-filtered) dissolved metals.
- Soil boring SB-04 was installed southwest of the UST installed along the east side of the garage building. This boring was advanced to 10 feet bgs without refusal, and no obvious evidence (odors, staining, elevated PID readings, free-phase liquids) of impacts were noted. One soil sample was collected from 5 to 6 feet bgs (water table interval) and a TGSP was placed into the borehole. Soil and groundwater samples were analyzed for the NYSDEC Part 375 list of VOCs, the CP-51 list of petroleum-range SVOCs and the NYSDEC Part 375 list of metals. Groundwater was sampled for both total and (field-filtered) dissolved metals.
- Soil boring SB-05 was installed southwest of the garage building to assess the general conditions downgradient of the building. This boring was advanced to 10 feet bgs without refusal, and no obvious evidence (odors, staining, elevated PID readings, free-phase liquids) of impacts were noted. One soil sample was collected from 5 to 6 feet bgs (water table interval) and a TGSP was placed into the borehole. Soil and groundwater samples were analyzed for the NYSDEC Part 375 list of VOCs, the CP-51 list of petroleum-range SVOCs and the NYSDEC Part 375 list of metals. Groundwater was sampled for both total and (field-filtered) dissolved metals.
- While Chazen and CDD were onsite conducting soil borings, a Town DPW staff member used a front-loader to remove the pile of asphalt northwest of the salt shed along with an approximately eight-square-foot area of stained soil that the Town mentioned was where prior asphalt millings storage had occurred. One surface soil sample (0-2-inch depth interval) was collected from the area of stained soil and was analyzed for the Part 375 list of petroleum-range SVOCs.

Following completion of the soil boring investigation, groundwater samples were obtained from each of the four TGSPs using a battery-operated peristaltic pump and disposable down-well tubing. Each TGSP was pumped for a period of 15 to 20 minutes, until water clarity had improved. Following sampling, each TGSP was removed and boreholes were backfilled with removed cuttings and/or clean gravel, then the soil or asphalt pavement surface was restored with like materials.

Soil and groundwater samples were collected in laboratory-provided containers, packed on ice, and transported under standard chain-of-custody procedures to York Analytical Laboratories (York) of Stratford, Connecticut for analysis.

Sample Analytical Results

Analytical results are summarized in **Tables 1 and 2** attached to this report. The laboratory analytical report is included in **Appendix B**.

Soil

Soil sample results were compared to the Title 6 New York Codes Rules and Regulations (NYCRR) Part 375 Unrestricted Use Soil Cleanup Objectives (UUSCOs) and are summarized in **Table 1.** Tested VOCs, SVOCs, and metals were either not detectable above method detection limits (MDLs) or if detected, were identified at concentrations less than the UUSCOs, with one exception. Acetone was detected in the sample from boring SB-04 at a concentration of 0.17 mg/L, which slightly exceeds the UUSCO of 0.05 mg/Kg but is well below the

Residential Use SCO of 500 mg/Kg. As acetone is a common laboratory artifact, this detection is not considered a Site contaminant.

Groundwater

Groundwater sample results were compared to NYSDEC TOGS 1.1.1 Groundwater Standards (GWSs) and are summarized in **Table 2**.

- Tested VOCs and SVOCs were either not detectable above MDLs or if detected, were identified at concentrations less than the GWSs.
- Metals were either not detectable above MDLs or were detected at concentrations less than the GWS, with one exception. The four samples reported total manganese at concentrations ranging from 310 to 2,410 ug/L (which exceed the GWS of 300 ug/L) and dissolved manganese at similar concentrations ranging from 326 to 3,230 ug/L. These results suggest that the manganese concentrations are not the result of turbidity particles interacting with sample preservatives, and are representative of actual site groundwater quality. Manganese is a naturally-occurring and is unlikely to be related to present or past site activities.

Conclusions and Recommendations

Chazen conducted a Limited Phase II ESA at the Warrensburg DPW property on King Street in Warrensburg, Warren County, NY. The scope included a focused subsurface utility designation that included looking for evidence of USTs, collection of one surface soil sample, installation and sampling of five soil borings, sampling four temporary groundwater sampling points, and laboratory analysis of the collected samples. The limited subsurface investigation was performed to evaluate the Site subsurface in the area of two identified anomalies that may represent USTs, in the area of one known UST, in the area of the site building and in the eastern site area. During Chazen's field work, the Town DPW removed asphalt millings and a limited area of stained soil in an area where asphalt millings were previously stored.

REC 1 and REC 2: The soil and groundwater sampling did not identify field or analytical evidence suggestive of a petroleum, chlorinated VOC or metals release. This sampling results that investigated REC 1 and REC 2 change these previous Phase I ESA findings to no longer be considered RECs.

SDG 1: Two identified anomalies are suggestive of USTs. Chazen recommends that the two anomalies be uncovered to assess if they are USTs or other containers. If these are confirmed to be USTs, the tanks should be properly removed and closed, and the NYSDEC Petroleum Bulk Storage (PBS) registration updated. The presence of the two anomalies remains an **SDG** as the nature of the subsurface features are unknown, although nearby sampling did not identify evidence of a release. In addition, one known UST is east of the garage building, and the owner noted that an oil-water separator is on the Site.

Limitations

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

The scope of work for this project is based on generally accepted practices and established protocols, along with Chazen's October 14, 2021, Professional Services Change Order (PSCO). The variable composition of geologic formations in the northeastern United States adds considerations such that any certainty sought in Phase II investigations is always a function of the number and location of Phase II soil sample locations, and the extent of soil sampling selected for laboratory analysis. The findings and conclusions in this report are, therefore, properly considered probabilities based on professional judgment and available

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

Closing

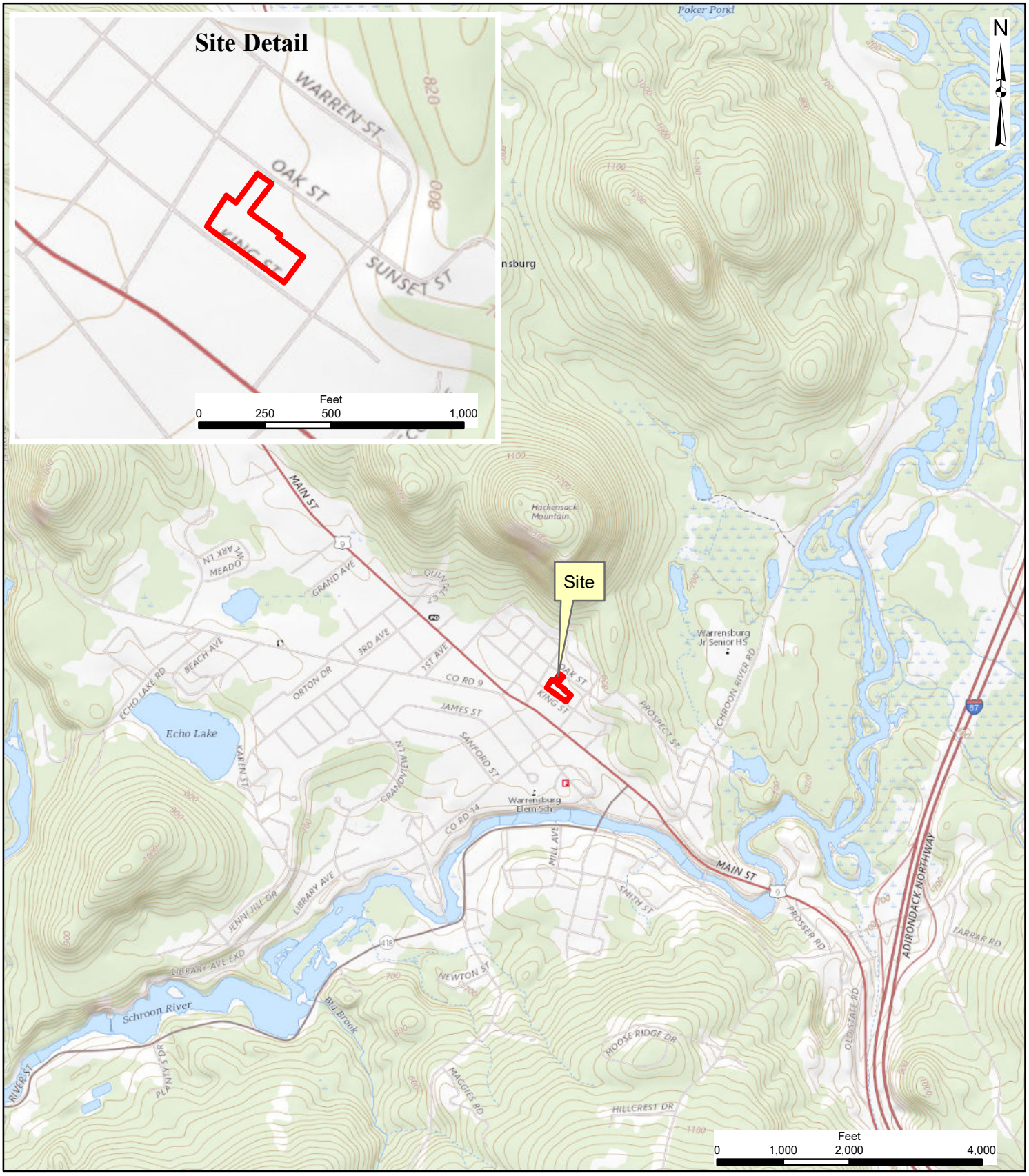
Please feel free to contact me at (518) 824-1928 if you have any questions or concerns, or of you wish to discuss this project further. Thank you for the opportunity to assist you with this investigation.

Sincerely,

Arlette St. Romain
Director, Environmental Due Diligence and Brownfield Investigations

cc: File

Attachments: Figures, Data Tables, Boring Logs, Laboratory Report



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Westchester County Office:
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Town of Warrensburg Property

Figure 1: Site Location Map

5 to 13 (odd numbers) King Street and 12 Oak Street,
Town of Warrensburg, Warren County, NY

Source: Warren County 2016 Tax Parcel Dataset;
US Topo. 2018 - USGSTopo (MapServer) Layer: USGS TNM Topo Base Map. Accessed 23 July 2021

Drawn:	MO
Date:	7/23/21
Scale:	1 inch equals 2,000 feet
Project:	42141.00
Figure:	1

Document Path: Z:\projects\42100-42199\42141_00_T.WarrensburgDPW_PIESA_PreDemo\GIS\Figure1SiteLocation.mxd

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Town of Warrensburg Property

Figure 2: Sampling Locations Map

5 to 13 (odd numbers) King Street and 12 Oak Street,
Town of Warrensburg, Warren County, NY

Source: Warren County 2016 Tax Parcel Dataset; NYS Department of Transportation 2008 Roads Dataset; NYS Office of Technology 2016 orthophoto imagery

Drawn:	EJO
Date:	11/04/21
Scale:	1 inch equals 50 feet
Project:	42141.00
Figure:	2

Document Path: Z:\projects\42100-42199\42141_00_T.WarrensburgDPW_PIESA_PreDemo\GIS\F2_Sample Locs_EJO.mxd

Table 1 : Soil Sample Analytical Results Summary

Warrensburg DPW Property, 5 to 13 King Street, Town of Warrensburg, Warren County, New York

Sample Area	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Residential	Northern Anomaly		Eastern Site Area		Southeastern Site Area Anomaly		Downgradient of Existing UST		Downgradient of Garage Building		Surface Soil	
Sample ID			**WBG-SB-01 (5.5-6.5')**		**WBG-SB-02 (3.5-4.5')**		**WBG-SB-03 (4-5')**		**WBG-SB-04 (5-6')**		**WBG-SB-05 (5-6')**		**WBG-SS-01 (0-2")**	
York ID			**21K0228-02**		**21K0228-03**		**21K0228-04**		**21K0228-05**		**21K0228-06**		**21K0228-01**	
Sampling Date			**11/3/2021 8:55**		**11/3/2021 9:15**		**11/3/2021 9:45**		**11/3/2021 10:30**		**11/3/2021 11:05**		**11/3/2021 12:40**	
Client Matrix			**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**	
Compound			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, CP-51 (formerly STARS) List	mg/Kg	mg/Kg	mg/Kg											
Dilution Factor			1											
1,2,4-Trimethylbenzene	3.6	47	ND		NT		NT		NT		NT		NT	
1,3,5-Trimethylbenzene	8.4	47	ND		NT		NT		NT		NT		NT	
Benzene	0.06	2.9	ND		NT		NT		NT		NT		NT	
Ethyl Benzene	1	30	ND		NT		NT		NT		NT		NT	
Isopropylbenzene	2.3*	~	ND		NT		NT		NT		NT		NT	
Methyl tert-butyl ether (MTBE)	0.93	62	ND		NT		NT		NT		NT		NT	
Naphthalene	12	100	ND		NT		NT		NT		NT		NT	
n-Butylbenzene	12	100	ND		NT		NT		NT		NT		NT	
n-Propylbenzene	3.9	100	ND		NT		NT		NT		NT		NT	
o-Xylene	See Xylenes, Total	See Xylenes, Total	ND		NT		NT		NT		NT		NT	
p- & m- Xylenes			0.0044	J	NT		NT		NT		NT		NT	
p-Isopropyltoluene	10*	~	ND		NT		NT		NT		NT		NT	
sec-Butylbenzene	11	100	ND		NT		NT		NT		NT		NT	
tert-Butylbenzene	5.9	100	ND		NT		NT		NT		NT		NT	
Toluene	0.7	100	0.0079		NT		NT		NT		NT		NT	
Xylenes, Total	0.26	100	0.0044	J	NT		NT		NT		NT		NT	
Volatile Organics, NYSDEC Part 375 List	mg/Kg	mg/Kg			mg/Kg		mg/Kg		mg/Kg		mg/Kg			
Dilution Factor					1		1		1		1			
1,1,1-Trichloroethane	0.68	100	NT		ND		ND		ND		ND		NT	
1,1-Dichloroethane	0.27	19	NT		ND		ND		ND		ND		NT	
1,1-Dichloroethylene	0.33	100	NT		ND		ND		ND		ND		NT	
1,2,4-Trimethylbenzene	3.6	47	NT		ND		ND		ND		ND		NT	
1,2-Dichlorobenzene	1.1	100	NT		ND		ND		ND		ND		NT	
1,2-Dichloroethane	0.02	2.3	NT		ND		ND		ND		ND		NT	
1,3,5-Trimethylbenzene	8.4	47	NT		ND		ND		ND		ND		NT	
1,3-Dichlorobenzene	2.4	17	NT		ND		ND		ND		ND		NT	
1,4-Dichlorobenzene	1.8	9.8	NT		ND		ND		ND		ND		NT	
1,4-Dioxane	0.1	9.8	NT		ND		ND		ND		ND		NT	
2-Butanone	0.12	100	NT		ND		ND		0.0062		0.0064		NT	
Acetone	0.05	100	NT		0.012		ND		0.17		0.041		NT	
Benzene	0.06	2.9	NT		ND		ND		ND		ND		NT	
Carbon tetrachloride	0.76	1.4	NT		ND		ND		ND		ND		NT	
Chlorobenzene	1.1	100	NT		ND		ND		ND		ND		NT	
Chloroform	0.37	10	NT		ND		ND		ND		ND		NT	
cis-1,2-Dichloroethylene	0.25	59	NT		ND		ND		ND		ND		NT	
Ethyl Benzene	1	30	NT		ND		ND		0.0038	J	ND		NT	
Methyl tert-butyl ether (MTBE)	0.93	62	NT		ND		ND		ND		ND		NT	
Methylene chloride	0.05	51	NT		ND		ND		0.018	B	0.0054	JB	NT	
Naphthalene	12	100	NT		ND		ND		ND		ND		NT	
n-Butylbenzene	12	100	NT		ND		ND		ND		ND		NT	
n-Propylbenzene	3.9	100	NT		ND		ND		ND		ND		NT	
o-Xylene	See Xylenes, Total	See Xylenes, Total	NT		ND		ND		0.015		0.0029	J	NT	
p- & m- Xylenes			NT		ND		ND		0.025		0.0049	J	NT	
sec-Butylbenzene	11	100	NT		ND		ND		ND		ND		NT	
tert-Butylbenzene	5.9	100	NT		ND		ND		ND		ND		NT	
Tetrachloroethylene	1.3	5.5	NT		ND		ND		ND		ND		NT	
Toluene	0.7	100	NT		ND		ND		0.010		0.0095		NT	
trans-1,2-Dichloroethylene	0.19	100	NT		ND		ND		ND		ND		NT	
Trichloroethylene	0.47	10	NT		ND		ND		ND		ND		NT	
Vinyl Chloride	0.02	0.21	NT		ND		ND		ND		ND		NT	
Xylenes, Total	0.26	100	NT		ND		ND		0.039		0.0078	J	NT	
Semi-Volatiles, CP-51 (formerly STARS) List	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg			
Dilution Factor			2		2		2		2		2			
Acenaphthene	20	100	ND		ND		ND		ND		ND		NT	
Acenaphthylene	100	100	ND		ND		ND		ND		ND		NT	
Anthracene	100	100	ND		ND		ND		ND		ND		NT	
Benzo(a)anthracene	1	1	ND		ND		0.059	J	ND		ND		NT	
Benzo(a)pyrene	1	1	ND		ND		0.072	J	ND		ND		NT	
Benzo(b)fluoranthene	1	1	ND		ND		0.053	J	ND		ND		NT	
Benzo(g,h,i)perylene	100	100	ND		ND		0.052	J	ND		ND		NT	
Benzo(k)fluoranthene	0.8	1	ND		ND		0.058	J	ND		ND		NT	
Chrysene	1	1	ND		ND		0.069	J	ND		ND		NT	
Dibenzo(a,h)anthracene	0.33	0.33	ND		ND		ND		ND		ND		NT	
Fluoranthene	100	100	ND		ND		0.10		ND		ND		NT	
Fluorene	30	100	ND		ND		ND		ND		ND		NT	
Indeno(1,2,3-cd)pyrene	0.5	0.5	ND		ND		0.053	J	ND		ND		NT	
Naphthalene	12	100	ND		ND		ND		ND		ND		NT	
Phenanthrene	100	100	ND		ND		0.052	J	ND		ND		NT	
Pyrene	100	100	ND		ND		0.10		ND		ND		NT	
Semi-Volatiles, NYSDEC Part 375 List	mg/Kg	mg/Kg											mg/Kg	
Dilution Factor													2	
2-Methylphenol	0.33	100	NT		NT		NT		NT		NT		ND	
3- & 4-Methylphenols	0.33	34	NT		NT		NT		NT		NT		ND	
Acenaphthene	20	100	NT		NT		NT		NT		NT		ND	
Acenaphthylene	100	100	NT		NT		NT		NT		NT		ND	
Anthracene	100	100	NT		NT		NT		NT		NT		ND	
Benzo(a)anthracene	1	1	NT		NT		NT		NT		NT		ND	
Benzo(a)pyrene	1	1	NT		NT		NT		NT		NT		ND	
Benzo(b)fluoranthene	1	1	NT		NT		NT		NT		NT		ND	
Benzo(g,h,i)perylene	100	100	NT		NT		NT		NT		NT		ND	
Benzo(k)fluoranthene	0.8	1	NT		NT		NT		NT		NT		ND	
Chrysene	1	1	NT		NT		NT		NT		NT		ND	
Dibenzo(a,h)anthracene	0.33	0.33	NT		NT		NT		NT		NT		ND	
Dibenzofuran	7	14	NT		NT		NT		NT		NT		ND	
Fluoranthene	100	100	NT		NT		NT		NT		NT		ND	
Fluorene	30	100	NT		NT		NT		NT		NT		ND	
Hexachlorobenzene	0.33	0.33	NT		NT		NT		NT		NT		ND	

Table 1 : Soil Sample Analytical Results Summary

Warrensburg DPW Property, 5 to 13 King Street, Town of Warrensburg, Warren County, New York

Sample Area	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Residential	Northern Anomaly		Eastern Site Area		Southeastern Site Area Anomaly		Downgradient of Existing UST		Downgradient of Garage Building		Surface Soil	
Sample ID			**WBG-SB-01 (5.5-6.5')**		**WBG-SB-02 (3.5-4.5')**		**WBG-SB-03 (4-5')**		**WBG-SB-04 (5-6')**		**WBG-SB-05 (5-6')**		**WBG-SS-01 (0-2")**	
York ID			**21K0228-02**		**21K0228-03**		**21K0228-04**		**21K0228-05**		**21K0228-06**		**21K0228-01**	
Sampling Date			**11/3/2021 8:55**		**11/3/2021 9:15**		**11/3/2021 9:45**		**11/3/2021 10:30**		**11/3/2021 11:05**		**11/3/2021 12:40**	
Client Matrix			**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**	
Compound			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Indeno(1,2,3-cd)pyrene	0.5	0.5	NT		NT		NT		NT		NT		ND	
Naphthalene	12	100	NT		NT		NT		NT		NT		ND	
Pentachlorophenol	0.8	2.4	NT		NT		NT		NT		NT		ND	
Phenanthrene	100	100	NT		NT		NT		NT		NT		ND	
Phenol	0.33	100	NT		NT		NT		NT		NT		ND	
Pyrene	100	100	NT		NT		NT		NT		NT		ND	
Metals, NYSDEC Part 375	mg/Kg	mg/Kg			mg/Kg		mg/Kg		mg/Kg		mg/Kg			
Dilution Factor					1		1		1		1			
Arsenic	13	16	NT		ND		ND		ND		ND		NT	
Barium	350	350	NT		14.7		22.7		10.1		11.7		NT	
Beryllium	7.2	14	NT		ND		ND		ND		ND		NT	
Cadmium	2.5	2.5	NT		ND		ND		ND		ND		NT	
Chromium	30	36	NT		4.90		16.7		5.44		4.28		NT	
Copper	50	270	NT		4.63		8.99		3.66		3.39		NT	
Lead	63	400	NT		15.3		40.6		ND		ND		NT	
Manganese	1600	2000	NT		69.5		113		106		93.2		NT	
Nickel	30	140	NT		ND		ND		ND		ND		NT	
Selenium	3.9	36	NT		ND		ND		ND		ND		NT	
Silver	2	36	NT		ND		ND		ND		ND		NT	
Zinc	109	2200	NT		43.2		57.9		16.3		16.6		NT	
Mercury by 7473	mg/Kg	mg/Kg			mg/Kg		mg/Kg		mg/Kg		mg/Kg			
Dilution Factor					1		1		1		1			
Mercury	0.18	0.81	NT		ND		0.109		ND		ND		NT	
Total Solids			%		%		%		%		%		%	
% Solids	~	~	87.7		84.0		83.8		85.2		84.1		94.3	

NOTES:

Results exceeding the NYSDEC Part 375 Soil Cleanup Objective (SCO) for Unrestricted Use are highlighted. Results exceeding the Residential Use SCO are shown in **BOLD** (none identified).

* Where there is no UUSCO, the NYSDEC CP-51 soil cleanup guidance is listed, where available.

Q is the Qualifier Column with definitions as follows:

J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - result is therefore estimated

ND=analyte not detected

NT=Not Tested as this analyte was not a target for this sample

~=this indicates that no NYSDEC soil cleanup objective or goal has been established for this analyte

Table 2: Groundwater Sample Analytical Results Summary
Warrensburg DPW Property, 5 to 13 King Street, Town of Warrensburg, Warren County, New York

Sample Area		Eastern Site Area		Southeastern Site Area Anomaly		Downgradient of Existing UST	
Sample ID York ID Sampling Date Client Matrix	NYSDEC TOGS Standards and Guidance Values - GA	WBG-SB02-GW 21K0228-07 11/3/2021 15:03 Water		WBG-SB03-GW 21K0228-08 11/3/2021 15:44 Water		WBG-SB04-GW 21K0228-09 11/3/2021 13:10 Water	
Compound		Result	Q	Result	Q	Result	Q
Volatile Organics, NYSDEC Part 375 List	ug/L	ug/L		ug/L		ug/L	
Dilution Factor		1		1		1	
1,1,1-Trichloroethane	5	ND		ND		ND	
1,1-Dichloroethane	5	ND		ND		ND	
1,1-Dichloroethylene	5	ND		ND		ND	
1,2,4-Trimethylbenzene	5	ND		ND		ND	
1,2-Dichlorobenzene	3	ND		ND		ND	
1,2-Dichloroethane	0.6	ND		ND		ND	
1,3,5-Trimethylbenzene	5	ND		ND		ND	
1,3-Dichlorobenzene	3	ND		ND		ND	
1,4-Dichlorobenzene	3	ND		ND		ND	
1,4-Dioxane	~	ND		ND		ND	
2-Butanone	50	ND		ND		ND	
Acetone	50	1.1	J	ND		1.5	J
Benzene	1	ND		ND		ND	
Carbon tetrachloride	5	ND		ND		ND	
Chlorobenzene	5	ND		ND		ND	
Chloroform	7	ND		ND		ND	
cis-1,2-Dichloroethylene	5	ND		ND		ND	
Ethyl Benzene	5	ND		ND		ND	
Methyl tert-butyl ether (MTBE)	10	ND		ND		ND	
Methylene chloride	5	ND		ND		ND	
Naphthalene	10	ND		ND		ND	
n-Butylbenzene	5	ND		ND		ND	
n-Propylbenzene	5	ND		ND		ND	
o-Xylene	5	ND		0.25	J	ND	
p- & m- Xylenes	~	ND		0.50	J	ND	
sec-Butylbenzene	5	ND		ND		ND	
tert-Butylbenzene	5	ND		ND		ND	
Tetrachloroethylene	5	ND		ND		0.39	J
Toluene	5	ND		ND		ND	
trans-1,2-Dichloroethylene	5	ND		ND		ND	
Trichloroethylene	5	ND		ND		ND	
Vinyl Chloride	2	ND		ND		ND	
Xylenes, Total	5	ND		0.75	J	ND	
Semi-Volatiles, CP-51 (formerly STARS) List	ug/L	ug/L		ug/L		ug/L	
Dilution Factor		1		1		1	
Acenaphthene	20	ND		ND		ND	
Acenaphthylene	~	ND		ND		ND	
Anthracene	50	ND		ND		ND	
Benzo(a)anthracene	0.002	ND		ND		ND	
Benzo(a)pyrene	0.002	ND		ND		ND	
Benzo(b)fluoranthene	0.002	ND		ND		ND	
Benzo(g,h,i)perylene	~	ND		ND		ND	
Benzo(k)fluoranthene	0.002	ND		ND		ND	
Chrysene	0.002	ND		ND		ND	
Dibenzo(a,h)anthracene	~	ND		ND		ND	
Fluoranthene	50	ND		ND		ND	
Fluorene	50	ND		ND		ND	
Indeno(1,2,3-cd)pyrene	0.002	ND		ND		ND	
Naphthalene	10	ND		ND		ND	
Phenanthrene	50	ND		ND		ND	
Pyrene	50	0.067		ND		ND	
Metals, NYSDEC Part 375	ug/L	ug/L		ug/L		ug/L	
Dilution Factor		1		1		1	
Arsenic	25	ND		ND		ND	
Barium	1000	46		ND		ND	
Beryllium	3	ND		ND		ND	
Cadmium	5	ND		ND		ND	
Chromium	50	ND		ND		ND	
Copper	200	ND		ND		ND	
Lead	25	ND		ND		ND	
Manganese	300	2,410		310		1,220	
Nickel	100	ND		ND		ND	
Selenium	10	ND		ND		ND	
Silver	50	ND		ND		ND	
Zinc	2000	ND		ND		31	

Table 2: Groundwater Sample Analytical Results Summary
Warrensburg DPW Property, 5 to 13 King Street, Town of Warrensburg, Warren County, New York

Sample Area		Eastern Site Area		Southeastern Site Area Anomaly		Downgradient of Existing UST	
Sample ID York ID Sampling Date Client Matrix	NYSDEC TOGS Standards and Guidance Values - GA	WBG-SB02-GW 21K0228-07 11/3/2021 15:03 Water		WBG-SB03-GW 21K0228-08 11/3/2021 15:44 Water		WBG-SB04-GW 21K0228-09 11/3/2021 13:10 Water	
Compound		Result	Q	Result	Q	Result	Q
Metals, NYSDEC Part 375 - Dissolved	ug/L	ug/L		ug/L		ug/L	
Dilution Factor		1		1		1	
Arsenic	25	ND		ND		ND	
Barium	1000	50		ND		ND	
Beryllium	3	ND		ND		ND	
Cadmium	5	ND		ND		ND	
Chromium	50	11		ND		9	
Copper	200	ND		ND		ND	
Lead	25	ND		ND		ND	
Manganese	300	3,230		326		1,370	
Nickel	100	ND		ND		ND	
Selenium	10	ND		ND		ND	
Silver	50	ND		ND		ND	
Zinc	2000	ND		ND		ND	
Mercury by 7470/7471	ug/L	ug/L		ug/L		ug/L	
Dilution Factor		1		1		1	
Mercury	0.7	ND		ND		ND	
Mercury, Dissolved	ug/L	ug/L		ug/L		ug/L	
Dilution Factor		1		1		1	
Mercury	0.7	ND		ND		ND	

NOTES:
Results exceeding the NYSDEC TOGS 1.1.1 standard are highlighted.

Q is the Qualifier Column with definitions as follows:
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - result is therefore estimated
ND=analyte not detected
~=this indicates that no NYSDEC groundwater standard or guidance has been established for this analyte

Table 2: Groundwater Sample Analytical Results Summary
Warrensburg DPW Property, 5 to 13 King Street, Town of Warrensburg, Warren County, New York

Downgradient of Garage Building	
WBG-SB05-GW 21K0228-10 11/3/2021 11:52 Water	
Result	Q
ug/L	
1	
ND	
ND	
ND	
ND	
ND	
ND	
ND	
ND	
ND	
ND	
ND	
ND	
ND	
ND	
ND	
ND	
ND	
ND	
ND	
ND	
ND	
ND	
ND	
0.35	J
0.75	J
ND	
ND	
0.75	
0.74	
ND	
ND	
ND	
1.1	J
ug/L	
1	
ND	
ND	
ND	
ND	
ND	
ND	
ND	
ND	
ND	
ND	
ND	
ND	
ND	
ND	
ND	
ND	
ug/L	
1	
ND	
ND	
ND	
ND	
ND	
ND	
ND	
383	
ND	
ND	
ND	
ND	

Table 2: Groundwater Sample Analytical Results Summary
Warrensburg DPW Property, 5 to 13 King Street, Town of Warrensburg, Warren County, New York

Downgradient of Garage Building		
WBG-SB05-GW		
21K0228-10		
11/3/2021 11:52		
Water		
Result	Q	
ug/L		
1		
ND		
ND		
ND		
ND		
ND		
ND		
ND		
395		
ND		
ND		
ND		
ND		
ug/L		
1		
ND		
ug/L		
1		
ND		

THE Chazen COMPANIES
21 Fox Street
Poughkeepsie, NY 12601
Phn: (845) 454-3980
Fax: (845) 454-4026

PROJECT: Warrensburg DPW Property
LOCATION: 5 to 13 King St. (odd only), and 12 Oak St., Warrensburg, NY
CLIENT: Town of Warrensburg
PROJECT NO.: 42141.00, Task 0400

Test Boring No.: SB-01

Total Depth: 10 ft.

Contractor: Core Down Drilling
Drill Rig: Geoprobe 7822DT
Driller: Bill Johnson
Geologist: Eric Orlowski, PG

Start Date: November 3, 2021
Finish Date: November 3, 2021
El. Datum:
G.S. Elevation:

Northing: na
Easting: na
Longitude: na
Latitude: na

Borehole Dia.: 2.125 in.
Water Depth: 6 ft.
Rock Depth: NA ft.
TGSP Depth: NA ft.

Depth (Ft)	Elevation (Ft)	Casing Blows	Sample No.	PID (ppm)	Recovery (in)	Groundwater	Group Symbol	Stratum and Field Descriptions:	TGSP Diagram	Field Notes, Well Notes, Comments:
0			1		59			6" dark brown fine to medium sand, some crushed stone, dry		
1										
2								53" brown to orange-brown fine to medium sand, loose, dry, NOSOI		
3				< 1						
4										
5			2		59	▼				
6										Soil sample collected from 5.5-6.5 feet bgs interval.
7								47" SAA, moist to wet, loose, NOSOI		
8				< 1						
9								12" light brown fine sand, wet, medium dense, NOSOI. Top 3 inches is varved, alternating light and dark brown.		
10								End of boring at 10 feet bgs, refusal not encountered. Groundwater encountered at approximately 6 feet bgs.		
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										

METHODS: **HSA**- Hollow Stem Auger, **RWH**- Rotary Wash, **SSA**- Solid Stem Auger, **CPT**- Cone Penetrometer

SAMPLE TYPES: **AS**-Auger, **WS**-Wash, **SS**-Split Spoon, **RC**-Rock Core, **GS**-Grab, **ST**-Shelby Tube, **PS**-Piston

STANDARD NOTES:
1. Samples classified in accordance with ASTM D-2488 unless otherwise noted.
2. Test Boring Log Page 1: 0 - 20 feet. Each subsequent page: Additional 20 feet.
3. Refer to the "Interpretation of Subsurface Logs" for additional symbology and abbreviation definitions.

ADDITIONAL NOTES:
1. **NOSOI-No obvious sign of impacts**
2. **saa - same as above**
3. **bgs - below ground surface**
4. **TGSP - Temporary Groundwater Sampling Point**

DRILLING INFORMATION

Method: Direct Push
Method:

	Casing	Sample	Core
Type:			
Diam.:			
Weight:			
Fall:			

THE Chazen COMPANIES
21 Fox Street
Poughkeepsie, NY 12601
Phn: (845) 454-3980
Fax: (845) 454-4026

PROJECT: Warrensburg DPW Property
LOCATION: 5 to 13 King St. (odd only), and 12 Oak St., Warrensburg, NY
CLIENT: Town of Warrensburg
PROJECT NO.: 42141.00, Task 0400

Test Boring No.: SB-02
Total Depth: 10 ft.

Contractor: Core Down Drilling
Drill Rig: Geoprobe 7822DT
Driller: Bill Johnson
Geologist: Eric Orlowski, PG

Start Date: November 3, 2021
Finish Date: November 3, 2021
El. Datum:
G.S. Elevation:

Northing: na
Easting: na
Longitude: na
Latitude: na

Borehole Dia.: 2.125 in.
Water Depth: 4 ft.
Rock Depth: NA ft.
TGSP Depth: NA ft.

Depth (Ft)	Elevation (Ft)	Casing Blows	Sample No.	PID (ppm)	Recovery (in)	Groundwater	Group Symbol	Stratum and Field Descriptions:	TGSP Diagram	Field Notes, Well Notes, Comments:
0			1		35			12" brown fine to medium sand, trace coarse sand, trace sub-rounded gravel, dry, loose, NOSOI		
1										
2								17" dark brown fine sand, little silt, little rounded gravel, moist to wet, medium dense, NOSOI		
3				< 1						
4						▼		6" light brown fine sand, wet, loose, NOSOI		Soil sample collected from 3.5 - 4.5 feet bgs interval.
5			2		52			6" SAA, wet, loose, NOSOI		
6										
7								46" light brown fine to medium sand, wet, loose, NOSOI		
8				< 1						
9										
10								End of boring at 10 feet bgs, refusal not encountered. Groundwater encountered at approximately 4 feet bgs.		
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										

METHODS: **HSA**- Hollow Stem Auger, **RWH**- Rotary Wash, **SSA**- Solid Stem Auger, **CPT**- Cone Penetrometer

SAMPLE TYPES: **AS**-Auger, **WS**-Wash, **SS**-Split Spoon, **RC**-Rock Core, **GS**-Grab, **ST**-Shelby Tube, **PS**-Piston

STANDARD NOTES:
1. Samples classified in accordance with ASTM D-2488 unless otherwise noted.
2. Test Boring Log Page 1: 0 - 20 feet. Each subsequent page: Additional 20 feet.
3. Refer to the "Interpretation of Subsurface Logs" for additional symbology and abbreviation definitions.

ADDITIONAL NOTES:
1. **NOSOI-No obvious sign of impacts**
2. **saa - same as above**
3. **bgs - below ground surface**
4. **TGSP - Temporary Groundwater Sampling Point**

DRILLING INFORMATION

Method: Direct Push
Method:

	Casing	Sample	Core
Type:			
Diam.:			
Weight:			
Fall:			

THE Chazen COMPANIES
21 Fox Street
Poughkeepsie, NY 12601
Phn: (845) 454-3980
Fax: (845) 454-4026

PROJECT: Warrensburg DPW Property
LOCATION: 5 to 13 King St. (odd only), and 12 Oak St., Warrensburg, NY
CLIENT: Town of Warrensburg
PROJECT NO.: 42141.00, Task 0400

Test Boring No.: SB-03
Total Depth: 10 ft.

Contractor: Core Down Drilling
Drill Rig: Geoprobe 7822DT
Driller: Bill Johnson
Geologist: Eric Orlowski, PG

Start Date: November 3, 2021
Finish Date: November 3, 2021
El. Datum:
G.S. Elevation:

Northing: na
Easting: na
Longitude: na
Latitude: na

Borehole Dia.: 2.125 in.
Water Depth: 5 ft.
Rock Depth: NA ft.
TGSP Depth: NA ft.

Depth (Ft)	Elevation (Ft)	Casing Blows	Sample No.	PID (ppm)	Recovery (in)	Groundwater	Group Symbol	Stratum and Field Descriptions:	TGSP Diagram	Field Notes, Well Notes, Comments:
0			1		58			22" brown fine to medium sand, trace rounded gravel, dry, loose, NOSOI		
2				<1				28" dark brown fine sand, little silt, moist to wet, medium dense, NOSOI		
4						▼		8" brown fine to medium sand, moist to wet, loose, NOSOI.		Soil sample collected from 4-5 feet bgs interval.
5			2		60					
7				<1				60" SAA, wet, loose, NOSOI. Some light/dark brown varving.		
10								End of boring at 10 feet bgs, refusal not encountered. Groundwater encountered at approximately 5 feet bgs.		

METHODS: **HSA**- Hollow Stem Auger, **RWH**- Rotary Wash, **SSA**- Solid Stem Auger, **CPT**- Cone Penetrometer

SAMPLE TYPES: **AS**-Auger, **WS**-Wash, **SS**-Split Spoon, **RC**-Rock Core, **GS**-Grab, **ST**-Shelby Tube, **PS**-Piston

STANDARD NOTES:
1. Samples classified in accordance with ASTM D-2488 unless otherwise noted.
2. Test Boring Log Page 1: 0 - 20 feet. Each subsequent page: Additional 20 feet.
3. Refer to the "Interpretation of Subsurface Logs" for additional symbology and abbreviation definitions.

ADDITIONAL NOTES:
1. **NOSOI-No obvious sign of impacts**
2. **saa - same as above**
3. **bgs - below ground surface**
4. **TGSP - Temporary Groundwater Sampling Point**

DRILLING INFORMATION

Method: Direct Push
Method:

	Casing	Sample	Core
Type:			
Diam.:			
Weight:			
Fall:			

THE Chazen COMPANIES
21 Fox Street
Poughkeepsie, NY 12601
Phn: (845) 454-3980
Fax: (845) 454-4026

PROJECT: Warrensburg DPW Property
LOCATION: 5 to 13 King St. (odd only), and 12 Oak St., Warrensburg, NY
CLIENT: Town of Warrensburg
PROJECT NO.: 42141.00, Task 0400

Test Boring No.: SB-04

Total Depth: 10 ft.

Contractor: Core Down Drilling
Drill Rig: Geoprobe 7822DT
Driller: Bill Johnson
Geologist: Eric Orlowski, PG

Start Date: November 3, 2021
Finish Date: November 3, 2021
El. Datum:
G.S. Elevation:

Northing: na
Easting: na
Longitude: na
Latitude: na

Borehole Dia.: 2.125 in.
Water Depth: 5.5 ft.
Rock Depth: NA ft.
TGSP Depth: NA ft.

Depth (Ft)	Elevation (Ft)	Casing Blows	Sample No.	PID (ppm)	Recovery (in)	Groundwater	Group Symbol	Stratum and Field Descriptions:	TGSP Diagram	Field Notes, Well Notes, Comments:
0			1		52			30" brown fine to medium sand, trace rounded gravel, dry, loose, NOSOI		
1										
2								12" brown fine to medium sand, little silt, little rounded gravel, trace ash, moist to wet, medium dense, NOSOI		
3				<1						
4								10" orange-brown fine to medium sand, moist to wet, loose, NOSOI.		
5			2		56	▼		12" SAA, wet, loose, NOSOI.		Soil sample collected from 5-6 feet bgs interval.
6										
7				<1				44" light/dark brown varved fine sand, wet, loose, NOSOI		
8										
9										
10								End of boring at 10 feet bgs, refusal not encountered. Groundwater encountered at approximately 5.5 feet bgs.		
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										

METHODS: **HSA**- Hollow Stem Auger, **RWH**- Rotary Wash, **SSA**- Solid Stem Auger, **CPT**- Cone Penetrometer

SAMPLE TYPES: **AS**-Auger, **WS**-Wash, **SS**-Split Spoon, **RC**-Rock Core, **GS**-Grab, **ST**-Shelby Tube, **PS**-Piston

STANDARD NOTES:
1. Samples classified in accordance with ASTM D-2488 unless otherwise noted.
2. Test Boring Log Page 1: 0 - 20 feet. Each subsequent page: Additional 20 feet.
3. Refer to the "Interpretation of Subsurface Logs" for additional symbology and abbreviation definitions.

ADDITIONAL NOTES:
1. **NOSOI-No obvious sign of impacts**
2. **saa - same as above**
3. **bgs - below ground surface**
4. **TGSP - Temporary Groundwater Sampling Point**

DRILLING INFORMATION

Method: Direct Push
Method:

	Casing	Sample	Core
Type:			
Diam.:			
Weight:			
Fall:			

THE Chazen COMPANIES
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Poughkeepsie, NY 12601
Phn: (845) 454-3980
Fax: (845) 454-4026

PROJECT: Warrensburg DPW Property
LOCATION: 5 to 13 King St. (odd only), and 12 Oak St., Warrensburg, NY
CLIENT: Town of Warrensburg
PROJECT NO.: 42141.00, Task 0400

Test Boring No.: SB-05
Total Depth: 10 ft.

Contractor: Core Down Drilling
Drill Rig: Geoprobe 7822DT
Driller: Bill Johnson
Geologist: Eric Orlowski, PG

Start Date: November 3, 2021
Finish Date: November 3, 2021
El. Datum:
G.S. Elevation:

Northing: na
Easting: na
Longitude: na
Latitude: na

Borehole Dia.: 2.125 in.
Water Depth: 5.5 ft.
Rock Depth: NA ft.
TGSP Depth: NA ft.

Depth (Ft)	Elevation (Ft)	Casing Blows	Sample No.	PID (ppm)	Recovery (in)	Groundwater	Group Symbol	Stratum and Field Descriptions:	TGSP Diagram	Field Notes, Well Notes, Comments:
			1		52			2" Asphalt		
1								20" brown fine to medium sand, trace rounded gravel, dry, loose, NOSOI		
2										
3				<1				12" dark brown fine to medium sand, little silt, trace coal/ash, moist to wet, medium dense, NOSOI		
4								26" brown fine to medium sand, moist, loose, NOSOI		
5			2		56	▼				Soil sample collected from 5-6 feet bgs interval.
6										
7								60" SAA, moist to wet, loose, NOSOI.		
8				<1						
9										
10								End of boring at 10 feet bgs, refusal not encountered. Groundwater encountered at approximately 5.5 feet bgs.		
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										

METHODS: **HSA**- Hollow Stem Auger, **RWH**- Rotary Wash, **SSA**- Solid Stem Auger, **CPT**- Cone Penetrometer

SAMPLE TYPES: **AS**-Auger, **WS**-Wash, **SS**-Split Spoon, **RC**-Rock Core, **GS**-Grab, **ST**-Shelby Tube, **PS**-Piston

STANDARD NOTES:
1. Samples classified in accordance with ASTM D-2488 unless otherwise noted.
2. Test Boring Log Page 1: 0 - 20 feet. Each subsequent page: Additional 20 feet.
3. Refer to the "Interpretation of Subsurface Logs" for additional symbology and abbreviation definitions.

ADDITIONAL NOTES:
1. **NOSOI-No obvious sign of impacts**
2. **saa - same as above**
3. **bgs - below ground surface**
4. **TGSP - Temporary Groundwater Sampling Point**

DRILLING INFORMATION

Method: Direct Push
Method:

	Casing	Sample	Core
Type:			
Diam.:			
Weight:			
Fall:			

Technical Report

prepared for:

Chazen Environmental Services (Poughkeepsie)
21 Fox Street
Poughkeepsie NY, 12601
Attention: Eric Orlowski

Report Date: 11/10/2021
Client Project ID: 42141.00/TASK 400 WARRENSBURG DPW
York Project (SDG) No.: 21K0228

Report Date: 11/10/2021
Client Project ID: 42141.00/TASK 400 WARRENSBURG DPW
York Project (SDG) No.: 21K0228

Chazen Environmental Services (Poughkeepsie)
21 Fox Street
Poughkeepsie NY, 12601
Attention: Eric Orlowski

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 November 04, 2021 and listed below. The project was identified as your project: **42141.00/TASK 400 WARRENSBURG DPW**.

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.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
21K0228-01	WBG-SS-01 (0-2'')	Soil	11/03/2021	11/04/2021
21K0228-02	WBG-SB-01 (5.5-6.5')	Soil	11/03/2021	11/04/2021
21K0228-03	WBG-SB-02 (3.5-4.5')	Soil	11/03/2021	11/04/2021
21K0228-04	WBG-SB-03 (4-5')	Soil	11/03/2021	11/04/2021
21K0228-05	WBG-SB-04 (5-6')	Soil	11/03/2021	11/04/2021
21K0228-06	WBG-SB-05 (5-6')	Soil	11/03/2021	11/04/2021
21K0228-07	WBG-SB02-GW	Water	11/03/2021	11/04/2021
21K0228-08	WBG-SB03-GW	Water	11/03/2021	11/04/2021
21K0228-09	WBG-SB04-GW	Water	11/03/2021	11/04/2021
21K0228-10	WBG-SB05-GW	Water	11/03/2021	11/04/2021

General Notes for York Project (SDG) No.: 21K0228

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

Approved By:  **Date:** 11/10/2021

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: WBG-SS-01 (0-2'')

York Sample ID: 21K0228-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21K0228	42141.00/TASK 400 WARRENSBURG DPW	Soil	November 3, 2021 12:40 pm	11/04/2021

Semi-Volatiles, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications:	11/08/2021 07:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2021 13:56	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications:	11/08/2021 07:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2021 13:56	KH
83-32-9	Acenaphthene	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications:	11/08/2021 07:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2021 13:56	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications:	11/08/2021 07:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2021 13:56	KH
120-12-7	Anthracene	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications:	11/08/2021 07:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2021 13:56	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications:	11/08/2021 07:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2021 13:56	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications:	11/08/2021 07:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2021 13:56	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications:	11/08/2021 07:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2021 13:56	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications:	11/08/2021 07:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2021 13:56	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications:	11/08/2021 07:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2021 13:56	KH
218-01-9	Chrysene	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications:	11/08/2021 07:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2021 13:56	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications:	11/08/2021 07:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2021 13:56	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications:	11/08/2021 07:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2021 13:56	KH
206-44-0	Fluoranthene	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications:	11/08/2021 07:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2021 13:56	KH
86-73-7	Fluorene	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications:	11/08/2021 07:52 NELAC-NY10854,NJDEP,PADEP	11/09/2021 13:56	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications:	11/08/2021 07:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2021 13:56	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications:	11/08/2021 07:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2021 13:56	KH
91-20-3	Naphthalene	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications:	11/08/2021 07:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2021 13:56	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications:	11/08/2021 07:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2021 13:56	KH
85-01-8	Phenanthrene	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications:	11/08/2021 07:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2021 13:56	KH
108-95-2	Phenol	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications:	11/08/2021 07:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2021 13:56	KH
129-00-0	Pyrene	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications:	11/08/2021 07:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2021 13:56	KH

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: WBG-SS-01 (0-2'')

York Sample ID: 21K0228-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21K0228	42141.00/TASK 400 WARRENSBURG DPW	Soil	November 3, 2021 12:40 pm	11/04/2021

Semi-Volatiles, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*57.2 %*			*20-108*						
4165-62-2	*Surrogate: SURR: Phenol-d5*	*48.0 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*69.4 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*50.3 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*75.0 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*55.9 %*			*24-116*						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**94.3**		%	0.100	1	SM 2540G	11/10/2021 08:36	11/10/2021 15:57	JAG
							Certifications: CTDOH			

Sample Information

Client Sample ID: WBG-SB-01 (5.5-6.5')

York Sample ID: 21K0228-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21K0228	42141.00/TASK 400 WARRENSBURG DPW	Soil	November 3, 2021 8:55 am	11/04/2021

Volatile Organics, CP-51 (formerly STARS) List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	11/08/2021 09:00	11/08/2021 19:47	OC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	11/08/2021 09:00	11/08/2021 19:47	OC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
71-43-2	Benzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	11/08/2021 09:00	11/08/2021 19:47	OC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	11/08/2021 09:00	11/08/2021 19:47	OC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	11/08/2021 09:00	11/08/2021 19:47	OC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	11/08/2021 09:00	11/08/2021 19:47	OC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
91-20-3	Naphthalene	ND		mg/kg dry	0.0023	0.0090	1	EPA 8260C	11/08/2021 09:00	11/08/2021 19:47	OC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	11/08/2021 09:00	11/08/2021 19:47	OC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			

Sample Information

Client Sample ID: WBG-SB-01 (5.5-6.5')

York Sample ID: 21K0228-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21K0228	42141.00/TASK 400 WARRENSBURG DPW	Soil	November 3, 2021 8:55 am	11/04/2021

Volatile Organics, CP-51 (formerly STARS) List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	11/08/2021 09:00	11/08/2021 19:47	OC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	11/08/2021 09:00	11/08/2021 19:47	OC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	**p- & m- Xylenes**	**0.0044**	J	mg/kg dry	0.0023	0.0045	1	EPA 8260C	11/08/2021 09:00	11/08/2021 19:47	OC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	11/08/2021 09:00	11/08/2021 19:47	OC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	11/08/2021 09:00	11/08/2021 19:47	OC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	11/08/2021 09:00	11/08/2021 19:47	OC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	**Toluene**	**0.0079**		mg/kg dry	0.0023	0.0045	1	EPA 8260C	11/08/2021 09:00	11/08/2021 19:47	OC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	**Xylenes, Total**	**0.0044**	J	mg/kg dry	0.0023	0.0045	1	EPA 8260C	11/08/2021 09:00	11/08/2021 19:47	OC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*114 %*	*76-130*

Semi-Volatiles, CP-51 (formerly STARS) List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		mg/kg dry	0.047	0.093	2	EPA 8270D	11/08/2021 07:52	11/09/2021 14:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.047	0.093	2	EPA 8270D	11/08/2021 07:52	11/09/2021 14:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.047	0.093	2	EPA 8270D	11/08/2021 07:52	11/09/2021 14:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.047	0.093	2	EPA 8270D	11/08/2021 07:52	11/09/2021 14:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.047	0.093	2	EPA 8270D	11/08/2021 07:52	11/09/2021 14:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.047	0.093	2	EPA 8270D	11/08/2021 07:52	11/09/2021 14:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.047	0.093	2	EPA 8270D	11/08/2021 07:52	11/09/2021 14:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.047	0.093	2	EPA 8270D	11/08/2021 07:52	11/09/2021 14:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.047	0.093	2	EPA 8270D	11/08/2021 07:52	11/09/2021 14:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: WBG-SB-01 (5.5-6.5') **York Sample ID:** 21K0228-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21K0228	42141.00/TASK 400 WARRENSBURG DPW	Soil	November 3, 2021 8:55 am	11/04/2021

Semi-Volatiles, CP-51 (formerly STARS) List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.047	0.093	2	EPA 8270D Certifications:	11/08/2021 07:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2021 14:26	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.047	0.093	2	EPA 8270D Certifications:	11/08/2021 07:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2021 14:26	KH
86-73-7	Fluorene	ND		mg/kg dry	0.047	0.093	2	EPA 8270D Certifications:	11/08/2021 07:52 NELAC-NY10854,NJDEP,PADEP	11/09/2021 14:26	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.047	0.093	2	EPA 8270D Certifications:	11/08/2021 07:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2021 14:26	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.047	0.093	2	EPA 8270D Certifications:	11/08/2021 07:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2021 14:26	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.047	0.093	2	EPA 8270D Certifications:	11/08/2021 07:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2021 14:26	KH
129-00-0	Pyrene	ND		mg/kg dry	0.047	0.093	2	EPA 8270D Certifications:	11/08/2021 07:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2021 14:26	KH

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*82.2 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*63.9 %*	*21-113*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*67.5 %*	*24-116*

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**	**87.7**		%	0.100	1	SM 2540G Certifications: CTDOH	11/10/2021 08:36	11/10/2021 15:57	JAG

Sample Information

Client Sample ID: WBG-SB-02 (3.5-4.5') **York Sample ID:** 21K0228-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21K0228	42141.00/TASK 400 WARRENSBURG DPW	Soil	November 3, 2021 9:15 am	11/04/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	11/09/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/09/2021 13:07	OC
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	11/09/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/09/2021 13:07	OC

Sample Information

Client Sample ID: WBG-SB-02 (3.5-4.5')

York Sample ID: 21K0228-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21K0228	42141.00/TASK 400 WARRENSBURG DPW	Soil	November 3, 2021 9:15 am	11/04/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	11/09/2021 09:00	11/09/2021 13:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	11/09/2021 09:00	11/09/2021 13:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	11/09/2021 09:00	11/09/2021 13:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	11/09/2021 09:00	11/09/2021 13:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	11/09/2021 09:00	11/09/2021 13:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	11/09/2021 09:00	11/09/2021 13:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	11/09/2021 09:00	11/09/2021 13:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.051	0.10	1	EPA 8260C Certifications:	11/09/2021 09:00	11/09/2021 13:07 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	11/09/2021 09:00	11/09/2021 13:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
67-64-1	**Acetone**	**0.012**		mg/kg dry	0.0051	0.010	1	EPA 8260C Certifications:	11/09/2021 09:00	11/09/2021 13:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	11/09/2021 09:00	11/09/2021 13:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	11/09/2021 09:00	11/09/2021 13:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	11/09/2021 09:00	11/09/2021 13:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	11/09/2021 09:00	11/09/2021 13:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	11/09/2021 09:00	11/09/2021 13:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	11/09/2021 09:00	11/09/2021 13:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	11/09/2021 09:00	11/09/2021 13:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
75-09-2	Methylene chloride	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C Certifications:	11/09/2021 09:00	11/09/2021 13:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
91-20-3	Naphthalene	ND		mg/kg dry	0.0026	0.010	1	EPA 8260C Certifications:	11/09/2021 09:00	11/09/2021 13:07 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	11/09/2021 09:00	11/09/2021 13:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	11/09/2021 09:00	11/09/2021 13:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	11/09/2021 09:00	11/09/2021 13:07 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	OC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C Certifications:	11/09/2021 09:00	11/09/2021 13:07 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	OC

Sample Information

Client Sample ID: WBG-SB-02 (3.5-4.5')

York Sample ID: 21K0228-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21K0228	42141.00/TASK 400 WARRENSBURG DPW	Soil	November 3, 2021 9:15 am	11/04/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	11/09/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/09/2021 13:07	OC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	11/09/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/09/2021 13:07	OC
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	11/09/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/09/2021 13:07	OC
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	11/09/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/09/2021 13:07	OC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	11/09/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/09/2021 13:07	OC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	11/09/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/09/2021 13:07	OC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	11/09/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/09/2021 13:07	OC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0077	0.015	1	EPA 8260C Certifications:	11/09/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	11/09/2021 13:07	OC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*107 %*	*76-130*

Semi-Volatiles, CP-51 (formerly STARS) List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		mg/kg dry	0.049	0.098	2	EPA 8270D Certifications:	11/08/2021 07:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2021 14:56	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.049	0.098	2	EPA 8270D Certifications:	11/08/2021 07:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2021 14:56	KH
120-12-7	Anthracene	ND		mg/kg dry	0.049	0.098	2	EPA 8270D Certifications:	11/08/2021 07:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2021 14:56	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.049	0.098	2	EPA 8270D Certifications:	11/08/2021 07:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2021 14:56	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.049	0.098	2	EPA 8270D Certifications:	11/08/2021 07:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2021 14:56	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.049	0.098	2	EPA 8270D Certifications:	11/08/2021 07:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2021 14:56	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.049	0.098	2	EPA 8270D Certifications:	11/08/2021 07:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2021 14:56	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.049	0.098	2	EPA 8270D Certifications:	11/08/2021 07:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2021 14:56	KH
218-01-9	Chrysene	ND		mg/kg dry	0.049	0.098	2	EPA 8270D Certifications:	11/08/2021 07:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2021 14:56	KH

Sample Information

Client Sample ID: WBG-SB-02 (3.5-4.5')

York Sample ID: 21K0228-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21K0228	42141.00/TASK 400 WARRENSBURG DPW	Soil	November 3, 2021 9:15 am	11/04/2021

Semi-Volatiles, CP-51 (formerly STARS) List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.049	0.098	2	EPA 8270D Certifications:	11/08/2021 07:52	11/09/2021 14:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.049	0.098	2	EPA 8270D Certifications:	11/08/2021 07:52	11/09/2021 14:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		mg/kg dry	0.049	0.098	2	EPA 8270D Certifications:	11/08/2021 07:52	11/09/2021 14:56 NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.049	0.098	2	EPA 8270D Certifications:	11/08/2021 07:52	11/09/2021 14:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.049	0.098	2	EPA 8270D Certifications:	11/08/2021 07:52	11/09/2021 14:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.049	0.098	2	EPA 8270D Certifications:	11/08/2021 07:52	11/09/2021 14:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
129-00-0	Pyrene	ND		mg/kg dry	0.049	0.098	2	EPA 8270D Certifications:	11/08/2021 07:52	11/09/2021 14:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*84.2 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*59.4 %*	*21-113*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*66.0 %*	*24-116*

Metals, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/kg dry	1.78	1	EPA 6010D Certifications:	11/08/2021 18:50	11/09/2021 18:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	RTH
7440-39-3	**Barium**	**14.7**		mg/kg dry	2.97	1	EPA 6010D Certifications:	11/08/2021 18:50	11/09/2021 18:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	RTH
7440-41-7	Beryllium	ND		mg/kg dry	0.059	1	EPA 6010D Certifications:	11/08/2021 18:50	11/09/2021 18:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	RTH
7440-43-9	Cadmium	ND		mg/kg dry	0.357	1	EPA 6010D Certifications:	11/08/2021 18:50	11/09/2021 18:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	RTH
7440-47-3	**Chromium**	**4.90**		mg/kg dry	0.595	1	EPA 6010D Certifications:	11/08/2021 18:50	11/09/2021 18:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	RTH
7440-50-8	**Copper**	**4.63**		mg/kg dry	2.38	1	EPA 6010D Certifications:	11/08/2021 18:50	11/09/2021 18:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	RTH
7439-92-1	**Lead**	**15.3**		mg/kg dry	0.595	1	EPA 6010D Certifications:	11/08/2021 18:50	11/09/2021 18:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	RTH
7439-96-5	**Manganese**	**69.5**		mg/kg dry	0.595	1	EPA 6010D Certifications:	11/08/2021 18:50	11/09/2021 18:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	RTH
7440-02-0	Nickel	ND		mg/kg dry	1.19	1	EPA 6010D Certifications:	11/08/2021 18:50	11/09/2021 18:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	RTH
7782-49-2	Selenium	ND		mg/kg dry	2.97	1	EPA 6010D Certifications:	11/08/2021 18:50	11/09/2021 18:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	RTH

Sample Information

Client Sample ID: WBG-SB-02 (3.5-4.5') **York Sample ID:** 21K0228-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21K0228	42141.00/TASK 400 WARRENSBURG DPW	Soil	November 3, 2021 9:15 am	11/04/2021

Metals, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/kg dry	0.595	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/08/2021 18:50	11/09/2021 18:45	RTH
7440-66-6	**Zinc**	**43.2**		mg/kg dry	2.97	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/08/2021 18:50	11/09/2021 18:45	RTH

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	ND		mg/kg dry	0.0357	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	11/10/2021 10:27	11/10/2021 15:09	KT

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	11/10/2021 08:36	11/10/2021 15:57	JAG

Sample Information

Client Sample ID: WBG-SB-03 (4-5') **York Sample ID:** 21K0228-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21K0228	42141.00/TASK 400 WARRENSBURG DPW	Soil	November 3, 2021 9:45 am	11/04/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/08/2021 09:00	11/08/2021 20:40	OC
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/08/2021 09:00	11/08/2021 20:40	OC
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/08/2021 09:00	11/08/2021 20:40	OC
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/08/2021 09:00	11/08/2021 20:40	OC
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/08/2021 09:00	11/08/2021 20:40	OC

Sample Information

Client Sample ID: WBG-SB-03 (4-5')

York Sample ID: 21K0228-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21K0228	42141.00/TASK 400 WARRENSBURG DPW	Soil	November 3, 2021 9:45 am	11/04/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications:	11/08/2021 09:00	11/08/2021 20:40	OC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications:	11/08/2021 09:00	11/08/2021 20:40	OC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications:	11/08/2021 09:00	11/08/2021 20:40	OC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications:	11/08/2021 09:00	11/08/2021 20:40	OC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.045	0.091	1	EPA 8260C Certifications:	11/08/2021 09:00	11/08/2021 20:40	OC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications:	11/08/2021 09:00	11/08/2021 20:40	OC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-64-1	Acetone	ND		mg/kg dry	0.0045	0.0091	1	EPA 8260C Certifications:	11/08/2021 09:00	11/08/2021 20:40	OC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
71-43-2	Benzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications:	11/08/2021 09:00	11/08/2021 20:40	OC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications:	11/08/2021 09:00	11/08/2021 20:40	OC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications:	11/08/2021 09:00	11/08/2021 20:40	OC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-66-3	Chloroform	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications:	11/08/2021 09:00	11/08/2021 20:40	OC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications:	11/08/2021 09:00	11/08/2021 20:40	OC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications:	11/08/2021 09:00	11/08/2021 20:40	OC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications:	11/08/2021 09:00	11/08/2021 20:40	OC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	Methylene chloride	ND		mg/kg dry	0.0045	0.0091	1	EPA 8260C Certifications:	11/08/2021 09:00	11/08/2021 20:40	OC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
91-20-3	Naphthalene	ND		mg/kg dry	0.0023	0.0091	1	EPA 8260C Certifications:	11/08/2021 09:00	11/08/2021 20:40	OC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications:	11/08/2021 09:00	11/08/2021 20:40	OC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications:	11/08/2021 09:00	11/08/2021 20:40	OC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-47-6	o-Xylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications:	11/08/2021 09:00	11/08/2021 20:40	OC CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0045	0.0091	1	EPA 8260C Certifications:	11/08/2021 09:00	11/08/2021 20:40	OC CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications:	11/08/2021 09:00	11/08/2021 20:40	OC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications:	11/08/2021 09:00	11/08/2021 20:40	OC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications:	11/08/2021 09:00	11/08/2021 20:40	OC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: WBG-SB-03 (4-5')

York Sample ID: 21K0228-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21K0228	42141.00/TASK 400 WARRENSBURG DPW	Soil	November 3, 2021 9:45 am	11/04/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	Toluene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications:	11/08/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/08/2021 20:40	OC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications:	11/08/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/08/2021 20:40	OC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications:	11/08/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/08/2021 20:40	OC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications:	11/08/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/08/2021 20:40	OC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0068	0.014	1	EPA 8260C Certifications:	11/08/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	11/08/2021 20:40	OC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*116 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.7 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*113 %*	*76-130*

Semi-Volatiles, CP-51 (formerly STARS) List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		mg/kg dry	0.049	0.098	2	EPA 8270D Certifications:	11/08/2021 07:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2021 15:26	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.049	0.098	2	EPA 8270D Certifications:	11/08/2021 07:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2021 15:26	KH
120-12-7	Anthracene	ND		mg/kg dry	0.049	0.098	2	EPA 8270D Certifications:	11/08/2021 07:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2021 15:26	KH
56-55-3	**Benzo(a)anthracene**	**0.059**	J	mg/kg dry	0.049	0.098	2	EPA 8270D Certifications:	11/08/2021 07:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2021 15:26	KH
50-32-8	**Benzo(a)pyrene**	**0.072**	J	mg/kg dry	0.049	0.098	2	EPA 8270D Certifications:	11/08/2021 07:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2021 15:26	KH
205-99-2	**Benzo(b)fluoranthene**	**0.053**	J	mg/kg dry	0.049	0.098	2	EPA 8270D Certifications:	11/08/2021 07:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2021 15:26	KH
191-24-2	**Benzo(g,h,i)perylene**	**0.052**	J	mg/kg dry	0.049	0.098	2	EPA 8270D Certifications:	11/08/2021 07:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2021 15:26	KH
207-08-9	**Benzo(k)fluoranthene**	**0.058**	J	mg/kg dry	0.049	0.098	2	EPA 8270D Certifications:	11/08/2021 07:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2021 15:26	KH
218-01-9	**Chrysene**	**0.069**	J	mg/kg dry	0.049	0.098	2	EPA 8270D Certifications:	11/08/2021 07:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2021 15:26	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.049	0.098	2	EPA 8270D Certifications:	11/08/2021 07:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2021 15:26	KH
206-44-0	**Fluoranthene**	**0.10**		mg/kg dry	0.049	0.098	2	EPA 8270D Certifications:	11/08/2021 07:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2021 15:26	KH
86-73-7	Fluorene	ND		mg/kg dry	0.049	0.098	2	EPA 8270D Certifications:	11/08/2021 07:52 NELAC-NY10854,NJDEP,PADEP	11/09/2021 15:26	KH

Sample Information

Client Sample ID: **WBG-SB-03 (4-5')** **York Sample ID:** **21K0228-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21K0228	42141.00/TASK 400 WARRENSBURG DPW	Soil	November 3, 2021 9:45 am	11/04/2021

Semi-Volatiles, CP-51 (formerly STARS) List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.053**	J	mg/kg dry	0.049	0.098	2	EPA 8270D	11/08/2021 07:52	11/09/2021 15:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.049	0.098	2	EPA 8270D	11/08/2021 07:52	11/09/2021 15:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**0.052**	J	mg/kg dry	0.049	0.098	2	EPA 8270D	11/08/2021 07:52	11/09/2021 15:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**0.10**		mg/kg dry	0.049	0.098	2	EPA 8270D	11/08/2021 07:52	11/09/2021 15:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result		Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*119 %*	S-08	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*84.6 %*		*21-113*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*90.6 %*		*24-116*

Metals, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/kg dry	1.79	1	EPA 6010D	11/08/2021 18:50	11/09/2021 18:47	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**22.7**		mg/kg dry	2.98	1	EPA 6010D	11/08/2021 18:50	11/09/2021 18:47	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.060	1	EPA 6010D	11/08/2021 18:50	11/09/2021 18:47	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.358	1	EPA 6010D	11/08/2021 18:50	11/09/2021 18:47	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**16.7**		mg/kg dry	0.597	1	EPA 6010D	11/08/2021 18:50	11/09/2021 18:47	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**8.99**		mg/kg dry	2.39	1	EPA 6010D	11/08/2021 18:50	11/09/2021 18:47	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**40.6**		mg/kg dry	0.597	1	EPA 6010D	11/08/2021 18:50	11/09/2021 18:47	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**113**		mg/kg dry	0.597	1	EPA 6010D	11/08/2021 18:50	11/09/2021 18:47	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/kg dry	1.19	1	EPA 6010D	11/08/2021 18:50	11/09/2021 18:47	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.98	1	EPA 6010D	11/08/2021 18:50	11/09/2021 18:47	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.597	1	EPA 6010D	11/08/2021 18:50	11/09/2021 18:47	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**57.9**		mg/kg dry	2.98	1	EPA 6010D	11/08/2021 18:50	11/09/2021 18:47	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: WBG-SB-03 (4-5') **York Sample ID:** 21K0228-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21K0228	42141.00/TASK 400 WARRENSBURG DPW	Soil	November 3, 2021 9:45 am	11/04/2021

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**	**0.109**		mg/kg dry	0.0358	1	EPA 7473	11/10/2021 10:27	11/10/2021 15:17	KT
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**83.8**		%	0.100	1	SM 2540G	11/10/2021 08:36	11/10/2021 15:57	JAG
							Certifications: CTDOH			

Sample Information

Client Sample ID: WBG-SB-04 (5-6') **York Sample ID:** 21K0228-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21K0228	42141.00/TASK 400 WARRENSBURG DPW	Soil	November 3, 2021 10:30 am	11/04/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/08/2021 09:00	11/08/2021 21:07	OC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/08/2021 09:00	11/08/2021 21:07	OC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/08/2021 09:00	11/08/2021 21:07	OC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/08/2021 09:00	11/08/2021 21:07	OC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/08/2021 09:00	11/08/2021 21:07	OC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/08/2021 09:00	11/08/2021 21:07	OC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/08/2021 09:00	11/08/2021 21:07	OC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/08/2021 09:00	11/08/2021 21:07	OC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/08/2021 09:00	11/08/2021 21:07	OC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.046	0.092	1	EPA 8260C	11/08/2021 09:00	11/08/2021 21:07	OC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			

Sample Information

Client Sample ID: **WBG-SB-04 (5-6')** **York Sample ID:** **21K0228-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21K0228	42141.00/TASK 400 WARRENSBURG DPW	Soil	November 3, 2021 10:30 am	11/04/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	**2-Butanone**	**0.0062**		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/08/2021 09:00	11/08/2021 21:07	OC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.17**		mg/kg dry	0.0046	0.0092	1	EPA 8260C	11/08/2021 09:00	11/08/2021 21:07	OC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/08/2021 09:00	11/08/2021 21:07	OC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/08/2021 09:00	11/08/2021 21:07	OC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/08/2021 09:00	11/08/2021 21:07	OC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/08/2021 09:00	11/08/2021 21:07	OC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/08/2021 09:00	11/08/2021 21:07	OC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	**Ethyl Benzene**	**0.0038**	J	mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/08/2021 09:00	11/08/2021 21:07	OC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/08/2021 09:00	11/08/2021 21:07	OC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	**Methylene chloride**	**0.018**	B	mg/kg dry	0.0046	0.0092	1	EPA 8260C	11/08/2021 09:00	11/08/2021 21:07	OC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0023	0.0092	1	EPA 8260C	11/08/2021 09:00	11/08/2021 21:07	OC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/08/2021 09:00	11/08/2021 21:07	OC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/08/2021 09:00	11/08/2021 21:07	OC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	**o-Xylene**	**0.015**		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/08/2021 09:00	11/08/2021 21:07	OC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	**p- & m- Xylenes**	**0.025**		mg/kg dry	0.0046	0.0092	1	EPA 8260C	11/08/2021 09:00	11/08/2021 21:07	OC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/08/2021 09:00	11/08/2021 21:07	OC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/08/2021 09:00	11/08/2021 21:07	OC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/08/2021 09:00	11/08/2021 21:07	OC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	**Toluene**	**0.010**		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/08/2021 09:00	11/08/2021 21:07	OC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/08/2021 09:00	11/08/2021 21:07	OC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/08/2021 09:00	11/08/2021 21:07	OC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/08/2021 09:00	11/08/2021 21:07	OC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	**Xylenes, Total**	**0.039**		mg/kg dry	0.0069	0.014	1	EPA 8260C	11/08/2021 09:00	11/08/2021 21:07	OC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

Sample Information

Client Sample ID: WBG-SB-04 (5-6')

York Sample ID: 21K0228-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21K0228	42141.00/TASK 400 WARRENSBURG DPW	Soil	November 3, 2021 10:30 am	11/04/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**							
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*113 %*		*77-125*							
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.2 %*		*85-120*							
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*115 %*		*76-130*							

Semi-Volatiles, CP-51 (formerly STARS) List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		mg/kg dry	0.048	0.097	2	EPA 8270D Certifications:	11/08/2021 07:52	11/09/2021 15:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.048	0.097	2	EPA 8270D Certifications:	11/08/2021 07:52	11/09/2021 15:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.048	0.097	2	EPA 8270D Certifications:	11/08/2021 07:52	11/09/2021 15:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.048	0.097	2	EPA 8270D Certifications:	11/08/2021 07:52	11/09/2021 15:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.048	0.097	2	EPA 8270D Certifications:	11/08/2021 07:52	11/09/2021 15:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.048	0.097	2	EPA 8270D Certifications:	11/08/2021 07:52	11/09/2021 15:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.048	0.097	2	EPA 8270D Certifications:	11/08/2021 07:52	11/09/2021 15:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.048	0.097	2	EPA 8270D Certifications:	11/08/2021 07:52	11/09/2021 15:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	Chrysene	ND		mg/kg dry	0.048	0.097	2	EPA 8270D Certifications:	11/08/2021 07:52	11/09/2021 15:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.048	0.097	2	EPA 8270D Certifications:	11/08/2021 07:52	11/09/2021 15:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.048	0.097	2	EPA 8270D Certifications:	11/08/2021 07:52	11/09/2021 15:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		mg/kg dry	0.048	0.097	2	EPA 8270D Certifications:	11/08/2021 07:52	11/09/2021 15:56 NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.048	0.097	2	EPA 8270D Certifications:	11/08/2021 07:52	11/09/2021 15:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.048	0.097	2	EPA 8270D Certifications:	11/08/2021 07:52	11/09/2021 15:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.048	0.097	2	EPA 8270D Certifications:	11/08/2021 07:52	11/09/2021 15:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
129-00-0	Pyrene	ND		mg/kg dry	0.048	0.097	2	EPA 8270D Certifications:	11/08/2021 07:52	11/09/2021 15:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
	Surrogate Recoveries	**Result**		**Acceptance Range**							
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*78.2 %*		*22-108*							

Sample Information

Client Sample ID: WBG-SB-04 (5-6')

York Sample ID: 21K0228-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21K0228	42141.00/TASK 400 WARRENSBURG DPW	Soil	November 3, 2021 10:30 am	11/04/2021

Semi-Volatiles, CP-51 (formerly STARS) List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*57.9 %*			*21-113*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*70.1 %*			*24-116*						

Metals, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/kg dry	1.76	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/08/2021 18:50	11/09/2021 18:50	RTH
7440-39-3	**Barium**	**10.1**		mg/kg dry	2.94	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/08/2021 18:50	11/09/2021 18:50	RTH
7440-41-7	Beryllium	ND		mg/kg dry	0.059	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/08/2021 18:50	11/09/2021 18:50	RTH
7440-43-9	Cadmium	ND		mg/kg dry	0.352	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/08/2021 18:50	11/09/2021 18:50	RTH
7440-47-3	**Chromium**	**5.44**		mg/kg dry	0.587	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/08/2021 18:50	11/09/2021 18:50	RTH
7440-50-8	**Copper**	**3.66**		mg/kg dry	2.35	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/08/2021 18:50	11/09/2021 18:50	RTH
7439-92-1	Lead	ND		mg/kg dry	0.587	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/08/2021 18:50	11/09/2021 18:50	RTH
7439-96-5	**Manganese**	**106**		mg/kg dry	0.587	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/08/2021 18:50	11/09/2021 18:50	RTH
7440-02-0	Nickel	ND		mg/kg dry	1.17	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/08/2021 18:50	11/09/2021 18:50	RTH
7782-49-2	Selenium	ND		mg/kg dry	2.94	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/08/2021 18:50	11/09/2021 18:50	RTH
7440-22-4	Silver	ND		mg/kg dry	0.587	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/08/2021 18:50	11/09/2021 18:50	RTH
7440-66-6	**Zinc**	**16.3**		mg/kg dry	2.94	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/08/2021 18:50	11/09/2021 18:50	RTH

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	ND		mg/kg dry	0.0352	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	11/10/2021 10:27	11/10/2021 15:26	KT

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: **WBG-SB-04 (5-6')** **York Sample ID:** **21K0228-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21K0228	42141.00/TASK 400 WARRENSBURG DPW	Soil	November 3, 2021 10:30 am	11/04/2021

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**85.2**		%	0.100	1	SM 2540G	11/10/2021 08:36	11/10/2021 15:57	JAG
							Certifications: CTDOH			

Sample Information

Client Sample ID: **WBG-SB-05 (5-6')** **York Sample ID:** **21K0228-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21K0228	42141.00/TASK 400 WARRENSBURG DPW	Soil	November 3, 2021 11:05 am	11/04/2021

Volatile Organics, NYSDEC Part 375 List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	11/08/2021 09:00	11/08/2021 21:34	OC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	11/08/2021 09:00	11/08/2021 21:34	OC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	11/08/2021 09:00	11/08/2021 21:34	OC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	11/08/2021 09:00	11/08/2021 21:34	OC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	11/08/2021 09:00	11/08/2021 21:34	OC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	11/08/2021 09:00	11/08/2021 21:34	OC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	11/08/2021 09:00	11/08/2021 21:34	OC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	11/08/2021 09:00	11/08/2021 21:34	OC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	11/08/2021 09:00	11/08/2021 21:34	OC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.047	0.093	1	EPA 8260C	11/08/2021 09:00	11/08/2021 21:34	OC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
78-93-3	**2-Butanone**	**0.0064**		mg/kg dry	0.0023	0.0047	1	EPA 8260C	11/08/2021 09:00	11/08/2021 21:34	OC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
67-64-1	**Acetone**	**0.041**		mg/kg dry	0.0047	0.0093	1	EPA 8260C	11/08/2021 09:00	11/08/2021 21:34	OC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
71-43-2	Benzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	11/08/2021 09:00	11/08/2021 21:34	OC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	11/08/2021 09:00	11/08/2021 21:34	OC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			

Sample Information

Client Sample ID: WBG-SB-05 (5-6')

York Sample ID: 21K0228-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21K0228	42141.00/TASK 400 WARRENSBURG DPW	Soil	November 3, 2021 11:05 am	11/04/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	11/08/2021 09:00	11/08/2021 21:34	OC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	11/08/2021 09:00	11/08/2021 21:34	OC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	11/08/2021 09:00	11/08/2021 21:34	OC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	11/08/2021 09:00	11/08/2021 21:34	OC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	11/08/2021 09:00	11/08/2021 21:34	OC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	**Methylene chloride**	**0.0054**	J, B	mg/kg dry	0.0047	0.0093	1	EPA 8260C	11/08/2021 09:00	11/08/2021 21:34	OC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0023	0.0093	1	EPA 8260C	11/08/2021 09:00	11/08/2021 21:34	OC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	11/08/2021 09:00	11/08/2021 21:34	OC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	11/08/2021 09:00	11/08/2021 21:34	OC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	**o-Xylene**	**0.0029**	J	mg/kg dry	0.0023	0.0047	1	EPA 8260C	11/08/2021 09:00	11/08/2021 21:34	OC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	**p- & m- Xylenes**	**0.0049**	J	mg/kg dry	0.0047	0.0093	1	EPA 8260C	11/08/2021 09:00	11/08/2021 21:34	OC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	11/08/2021 09:00	11/08/2021 21:34	OC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	11/08/2021 09:00	11/08/2021 21:34	OC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	11/08/2021 09:00	11/08/2021 21:34	OC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	**Toluene**	**0.0095**		mg/kg dry	0.0023	0.0047	1	EPA 8260C	11/08/2021 09:00	11/08/2021 21:34	OC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	11/08/2021 09:00	11/08/2021 21:34	OC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	11/08/2021 09:00	11/08/2021 21:34	OC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	11/08/2021 09:00	11/08/2021 21:34	OC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	**Xylenes, Total**	**0.0078**	J	mg/kg dry	0.0070	0.014	1	EPA 8260C	11/08/2021 09:00	11/08/2021 21:34	OC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*111 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.0 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*114 %*	*76-130*

Sample Information

Client Sample ID: WBG-SB-05 (5-6')

York Sample ID: 21K0228-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21K0228	42141.00/TASK 400 WARRENSBURG DPW	Soil	November 3, 2021 11:05 am	11/04/2021

Semi-Volatiles, CP-51 (formerly STARS) List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		mg/kg dry	0.049	0.098	2	EPA 8270D Certifications:	11/08/2021 07:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2021 16:26	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.049	0.098	2	EPA 8270D Certifications:	11/08/2021 07:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2021 16:26	KH
120-12-7	Anthracene	ND		mg/kg dry	0.049	0.098	2	EPA 8270D Certifications:	11/08/2021 07:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2021 16:26	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.049	0.098	2	EPA 8270D Certifications:	11/08/2021 07:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2021 16:26	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.049	0.098	2	EPA 8270D Certifications:	11/08/2021 07:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2021 16:26	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.049	0.098	2	EPA 8270D Certifications:	11/08/2021 07:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2021 16:26	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.049	0.098	2	EPA 8270D Certifications:	11/08/2021 07:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2021 16:26	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.049	0.098	2	EPA 8270D Certifications:	11/08/2021 07:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2021 16:26	KH
218-01-9	Chrysene	ND		mg/kg dry	0.049	0.098	2	EPA 8270D Certifications:	11/08/2021 07:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2021 16:26	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.049	0.098	2	EPA 8270D Certifications:	11/08/2021 07:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2021 16:26	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.049	0.098	2	EPA 8270D Certifications:	11/08/2021 07:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2021 16:26	KH
86-73-7	Fluorene	ND		mg/kg dry	0.049	0.098	2	EPA 8270D Certifications:	11/08/2021 07:52 NELAC-NY10854,NJDEP,PADEP	11/09/2021 16:26	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.049	0.098	2	EPA 8270D Certifications:	11/08/2021 07:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2021 16:26	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.049	0.098	2	EPA 8270D Certifications:	11/08/2021 07:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2021 16:26	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.049	0.098	2	EPA 8270D Certifications:	11/08/2021 07:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2021 16:26	KH
129-00-0	Pyrene	ND		mg/kg dry	0.049	0.098	2	EPA 8270D Certifications:	11/08/2021 07:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2021 16:26	KH

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*84.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*63.4 %*	*21-113*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*67.4 %*	*24-116*

Metals, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/kg dry	1.78	1	EPA 6010D Certifications:	11/08/2021 18:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2021 18:53	RTH

Sample Information

Client Sample ID: **WBG-SB-05 (5-6')** **York Sample ID:** **21K0228-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21K0228	42141.00/TASK 400 WARRENSBURG DPW	Soil	November 3, 2021 11:05 am	11/04/2021

Metals, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**11.7**		mg/kg dry	2.97	1	EPA 6010D	11/08/2021 18:50	11/09/2021 18:53	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		mg/kg dry	0.059	1	EPA 6010D	11/08/2021 18:50	11/09/2021 18:53	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/kg dry	0.357	1	EPA 6010D	11/08/2021 18:50	11/09/2021 18:53	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**4.28**		mg/kg dry	0.594	1	EPA 6010D	11/08/2021 18:50	11/09/2021 18:53	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**3.39**		mg/kg dry	2.38	1	EPA 6010D	11/08/2021 18:50	11/09/2021 18:53	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	Lead	ND		mg/kg dry	0.594	1	EPA 6010D	11/08/2021 18:50	11/09/2021 18:53	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**93.2**		mg/kg dry	0.594	1	EPA 6010D	11/08/2021 18:50	11/09/2021 18:53	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	Nickel	ND		mg/kg dry	1.19	1	EPA 6010D	11/08/2021 18:50	11/09/2021 18:53	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	2.97	1	EPA 6010D	11/08/2021 18:50	11/09/2021 18:53	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.594	1	EPA 6010D	11/08/2021 18:50	11/09/2021 18:53	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**16.6**		mg/kg dry	2.97	1	EPA 6010D	11/08/2021 18:50	11/09/2021 18:53	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0357	1	EPA 7473	11/10/2021 10:27	11/10/2021 15:35	KT
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**84.1**		%	0.100	1	SM 2540G	11/10/2021 08:36	11/10/2021 15:57	JAG
							Certifications: CTDOH			

Sample Information

Client Sample ID: **WBG-SB02-GW** **York Sample ID:** **21K0228-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21K0228	42141.00/TASK 400 WARRENSBURG DPW	Water	November 3, 2021 3:03 pm	11/04/2021

Volatile Organics, NYSDEC Part 375 List

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	0.20	0.50	1	EPA 8260C Certifications:	11/05/2021 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	11/05/2021 16:58	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/05/2021 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	11/05/2021 16:58	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/05/2021 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	11/05/2021 16:58	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/05/2021 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	11/05/2021 16:58	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/05/2021 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	11/05/2021 16:58	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/05/2021 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	11/05/2021 16:58	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/05/2021 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	11/05/2021 16:58	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/05/2021 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	11/05/2021 16:58	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/05/2021 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	11/05/2021 16:58	PD
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications:	11/05/2021 09:00 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	11/05/2021 16:58	PD
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/05/2021 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	11/05/2021 16:58	PD
67-64-1	**Acetone**	**1.1**	J	ug/L	1.0	2.0	1	EPA 8260C Certifications:	11/05/2021 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	11/05/2021 16:58	PD
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/05/2021 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	11/05/2021 16:58	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/05/2021 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	11/05/2021 16:58	PD
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/05/2021 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	11/05/2021 16:58	PD
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/05/2021 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	11/05/2021 16:58	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/05/2021 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	11/05/2021 16:58	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/05/2021 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	11/05/2021 16:58	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/05/2021 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	11/05/2021 16:58	PD
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	11/05/2021 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	11/05/2021 16:58	PD
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	11/05/2021 09:00 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	11/05/2021 16:58	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/05/2021 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	11/05/2021 16:58	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/05/2021 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	11/05/2021 16:58	PD

Sample Information

Client Sample ID: WBG-SB02-GW

York Sample ID: 21K0228-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21K0228	42141.00/TASK 400 WARRENSBURG DPW	Water	November 3, 2021 3:03 pm	11/04/2021

Volatile Organics, NYSDEC Part 375 List

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	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/05/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	11/05/2021 16:58	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	11/05/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	11/05/2021 16:58	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/05/2021 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	11/05/2021 16:58	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/05/2021 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	11/05/2021 16:58	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/05/2021 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	11/05/2021 16:58	PD
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/05/2021 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	11/05/2021 16:58	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/05/2021 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	11/05/2021 16:58	PD
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/05/2021 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	11/05/2021 16:58	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/05/2021 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	11/05/2021 16:58	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	11/05/2021 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058	11/05/2021 16:58	PD

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.3 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*100 %*	*79-122*

Semi-Volatiles, CP-51 (formerly STARS) List

Log-in Notes:

Sample Notes: EXT-EM

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
83-32-9	Acenaphthene	ND		ug/L	0.056	0.056	1	EPA 8270D Certifications:	11/08/2021 07:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/08/2021 19:14	KH
208-96-8	Acenaphthylene	ND		ug/L	0.056	0.056	1	EPA 8270D Certifications:	11/08/2021 07:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/08/2021 19:14	KH
120-12-7	Anthracene	ND		ug/L	0.056	0.056	1	EPA 8270D Certifications:	11/08/2021 07:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/08/2021 19:14	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.056	0.056	1	EPA 8270D Certifications:	11/08/2021 07:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/08/2021 19:14	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.056	0.056	1	EPA 8270D Certifications:	11/08/2021 07:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/08/2021 19:14	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.056	0.056	1	EPA 8270D Certifications:	11/08/2021 07:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/08/2021 19:14	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.056	0.056	1	EPA 8270D Certifications:	11/08/2021 07:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/08/2021 19:14	KH

Sample Information

Client Sample ID: WBG-SB02-GW

York Sample ID: 21K0228-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21K0228	42141.00/TASK 400 WARRENSBURG DPW	Water	November 3, 2021 3:03 pm	11/04/2021

Semi-Volatiles, CP-51 (formerly STARS) List

Log-in Notes:

Sample Notes: EXT-EM

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
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.056	0.056	1	EPA 8270D Certifications:	11/08/2021 07:45	11/08/2021 19:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	Chrysene	ND		ug/L	0.056	0.056	1	EPA 8270D Certifications:	11/08/2021 07:45	11/08/2021 19:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.056	0.056	1	EPA 8270D Certifications:	11/08/2021 07:45	11/08/2021 19:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	Fluoranthene	ND		ug/L	0.056	0.056	1	EPA 8270D Certifications:	11/08/2021 07:45	11/08/2021 19:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		ug/L	0.056	0.056	1	EPA 8270D Certifications:	11/08/2021 07:45	11/08/2021 19:14 NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.056	0.056	1	EPA 8270D Certifications:	11/08/2021 07:45	11/08/2021 19:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		ug/L	0.056	0.056	1	EPA 8270D Certifications:	11/08/2021 07:45	11/08/2021 19:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
85-01-8	Phenanthrene	ND		ug/L	0.056	0.056	1	EPA 8270D Certifications:	11/08/2021 07:45	11/08/2021 19:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
129-00-0	**Pyrene**	**0.067**		ug/L	0.056	0.056	1	EPA 8270D Certifications:	11/08/2021 07:45	11/08/2021 19:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*73.9 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*61.8 %*	*39.9-105*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*66.7 %*	*30.7-106*

Metals, NYSDEC Part 375

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
7440-38-2	Arsenic	ND		mg/L	0.017	1	EPA 6010D Certifications:	11/05/2021 10:04	11/05/2021 13:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	RTH
7440-39-3	**Barium**	**0.046**		mg/L	0.028	1	EPA 6010D Certifications:	11/05/2021 10:04	11/05/2021 13:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	RTH
7440-41-7	Beryllium	ND		mg/L	0.0006	1	EPA 6010D Certifications:	11/05/2021 10:04	11/05/2021 13:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	RTH
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010D Certifications:	11/05/2021 10:04	11/05/2021 13:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	RTH
7440-47-3	Chromium	ND		mg/L	0.006	1	EPA 6010D Certifications:	11/05/2021 10:04	11/05/2021 13:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	RTH
7440-50-8	Copper	ND		mg/L	0.022	1	EPA 6010D Certifications:	11/05/2021 10:04	11/05/2021 13:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	RTH
7439-92-1	Lead	ND		mg/L	0.006	1	EPA 6010D Certifications:	11/05/2021 10:04	11/05/2021 13:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	RTH
7439-96-5	**Manganese**	**2.41**		mg/L	0.006	1	EPA 6010D Certifications:	11/05/2021 10:04	11/05/2021 13:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	RTH
7440-02-0	Nickel	ND		mg/L	0.011	1	EPA 6010D Certifications:	11/05/2021 10:04	11/05/2021 13:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	RTH

Sample Information

Client Sample ID: WBG-SB02-GW

York Sample ID: 21K0228-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21K0228	42141.00/TASK 400 WARRENSBURG DPW	Water	November 3, 2021 3:03 pm	11/04/2021

Metals, NYSDEC Part 375

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
7782-49-2	* Selenium	ND		mg/L	0.028	1	EPA 6010D Certifications: CTDOH	11/05/2021 10:04	11/05/2021 13:03	RTH
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2021 10:04	11/05/2021 13:03	RTH
7440-66-6	Zinc	ND		mg/L	0.028	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2021 10:04	11/05/2021 13:03	RTH

Metals, NYSDEC Part 375 - Dissolved

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
7440-38-2	Arsenic	ND		mg/L	0.017	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2021 10:16	11/09/2021 17:08	RTH
7440-39-3	**Barium**	**0.050**		mg/L	0.028	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2021 10:16	11/09/2021 17:08	RTH
7440-41-7	Beryllium	ND		mg/L	0.0006	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2021 10:16	11/09/2021 17:08	RTH
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2021 10:16	11/09/2021 17:08	RTH
7440-47-3	**Chromium**	**0.011**		mg/L	0.006	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2021 10:16	11/09/2021 17:08	RTH
7440-50-8	Copper	ND		mg/L	0.022	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2021 10:16	11/09/2021 17:08	RTH
7439-92-1	Lead	ND		mg/L	0.006	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2021 10:16	11/09/2021 17:08	RTH
7439-96-5	**Manganese**	**3.23**		mg/L	0.006	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2021 10:16	11/09/2021 17:08	RTH
7440-02-0	Nickel	ND		mg/L	0.011	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2021 10:16	11/09/2021 17:08	RTH
7782-49-2	* Selenium	ND		mg/L	0.028	1	EPA 6010D Certifications: CTDOH	11/05/2021 10:16	11/09/2021 17:08	RTH
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2021 10:16	11/09/2021 17:08	RTH
7440-66-6	Zinc	ND		mg/L	0.028	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2021 10:16	11/09/2021 17:08	RTH

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,NELAC-NY10854,NJDEP,PADEP	11/05/2021 19:59	11/05/2021 19:59	AA

Mercury, Dissolved

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: WBG-SB02-GW **York Sample ID:** 21K0228-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21K0228	42141.00/TASK 400 WARRENSBURG DPW	Water	November 3, 2021 3:03 pm	11/04/2021

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	11/05/2021 20:04	11/05/2021 20:04	AA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: WBG-SB03-GW **York Sample ID:** 21K0228-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21K0228	42141.00/TASK 400 WARRENSBURG DPW	Water	November 3, 2021 3:44 pm	11/04/2021

Volatile Organics, NYSDEC Part 375 List

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	0.20	0.50	1	EPA 8260C	11/05/2021 09:00	11/05/2021 17:27	PD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2021 09:00	11/05/2021 17:27	PD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2021 09:00	11/05/2021 17:27	PD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2021 09:00	11/05/2021 17:27	PD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2021 09:00	11/05/2021 17:27	PD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2021 09:00	11/05/2021 17:27	PD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2021 09:00	11/05/2021 17:27	PD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2021 09:00	11/05/2021 17:27	PD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2021 09:00	11/05/2021 17:27	PD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C	11/05/2021 09:00	11/05/2021 17:27	PD
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2021 09:00	11/05/2021 17:27	PD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	11/05/2021 09:00	11/05/2021 17:27	PD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2021 09:00	11/05/2021 17:27	PD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2021 09:00	11/05/2021 17:27	PD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2021 09:00	11/05/2021 17:27	PD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2021 09:00	11/05/2021 17:27	PD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		

Sample Information

Client Sample ID: WBG-SB03-GW

York Sample ID: 21K0228-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21K0228	42141.00/TASK 400 WARRENSBURG DPW	Water	November 3, 2021 3:44 pm	11/04/2021

Volatile Organics, NYSDEC Part 375 List

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	0.20	0.50	1	EPA 8260C Certifications:	11/05/2021 09:00	11/05/2021 17:27 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/05/2021 09:00	11/05/2021 17:27 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/05/2021 09:00	11/05/2021 17:27 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	PD
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	11/05/2021 09:00	11/05/2021 17:27 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	PD
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	11/05/2021 09:00	11/05/2021 17:27 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/05/2021 09:00	11/05/2021 17:27 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/05/2021 09:00	11/05/2021 17:27 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	PD
95-47-6	**o-Xylene**	**0.25**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/05/2021 09:00	11/05/2021 17:27 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	PD
179601-23-1	**p- & m- Xylenes**	**0.50**	J	ug/L	0.50	1.0	1	EPA 8260C Certifications:	11/05/2021 09:00	11/05/2021 17:27 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/05/2021 09:00	11/05/2021 17:27 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/05/2021 09:00	11/05/2021 17:27 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/05/2021 09:00	11/05/2021 17:27 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	PD
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/05/2021 09:00	11/05/2021 17:27 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/05/2021 09:00	11/05/2021 17:27 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	PD
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/05/2021 09:00	11/05/2021 17:27 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/05/2021 09:00	11/05/2021 17:27 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	PD
1330-20-7	**Xylenes, Total**	**0.75**	J	ug/L	0.60	1.5	1	EPA 8260C Certifications:	11/05/2021 09:00	11/05/2021 17:27 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058	PD

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.7 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*100 %*	*79-122*

Semi-Volatiles, CP-51 (formerly STARS) List

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

Sample Information

Client Sample ID: WBG-SB03-GW

York Sample ID: 21K0228-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21K0228	42141.00/TASK 400 WARRENSBURG DPW	Water	November 3, 2021 3:44 pm	11/04/2021

Semi-Volatiles, CP-51 (formerly STARS) List

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
83-32-9	Acenaphthene	ND		ug/L	0.054	0.054	1	EPA 8270D Certifications:	11/08/2021 07:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/08/2021 19:46	KH
208-96-8	Acenaphthylene	ND		ug/L	0.054	0.054	1	EPA 8270D Certifications:	11/08/2021 07:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/08/2021 19:46	KH
120-12-7	Anthracene	ND		ug/L	0.054	0.054	1	EPA 8270D Certifications:	11/08/2021 07:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/08/2021 19:46	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.054	0.054	1	EPA 8270D Certifications:	11/08/2021 07:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/08/2021 19:46	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.054	0.054	1	EPA 8270D Certifications:	11/08/2021 07:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/08/2021 19:46	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.054	0.054	1	EPA 8270D Certifications:	11/08/2021 07:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/08/2021 19:46	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.054	0.054	1	EPA 8270D Certifications:	11/08/2021 07:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/08/2021 19:46	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.054	0.054	1	EPA 8270D Certifications:	11/08/2021 07:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/08/2021 19:46	KH
218-01-9	Chrysene	ND		ug/L	0.054	0.054	1	EPA 8270D Certifications:	11/08/2021 07:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/08/2021 19:46	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.054	0.054	1	EPA 8270D Certifications:	11/08/2021 07:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/08/2021 19:46	KH
206-44-0	Fluoranthene	ND		ug/L	0.054	0.054	1	EPA 8270D Certifications:	11/08/2021 07:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/08/2021 19:46	KH
86-73-7	Fluorene	ND		ug/L	0.054	0.054	1	EPA 8270D Certifications:	11/08/2021 07:45 NELAC-NY10854,NJDEP,PADEP	11/08/2021 19:46	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.054	0.054	1	EPA 8270D Certifications:	11/08/2021 07:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/08/2021 19:46	KH
91-20-3	Naphthalene	ND		ug/L	0.054	0.054	1	EPA 8270D Certifications:	11/08/2021 07:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/08/2021 19:46	KH
85-01-8	Phenanthrene	ND		ug/L	0.054	0.054	1	EPA 8270D Certifications:	11/08/2021 07:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/08/2021 19:46	KH
129-00-0	Pyrene	ND		ug/L	0.054	0.054	1	EPA 8270D Certifications:	11/08/2021 07:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/08/2021 19:46	KH

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*74.6 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*60.8 %*	*39.9-105*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*66.3 %*	*30.7-106*

Metals, NYSDEC Part 375

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
7440-38-2	Arsenic	ND		mg/L	0.017	1	EPA 6010D Certifications:	11/05/2021 10:04 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2021 13:06	RTH

Sample Information

Client Sample ID: WBG-SB03-GW

York Sample ID: 21K0228-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21K0228	42141.00/TASK 400 WARRENSBURG DPW	Water	November 3, 2021 3:44 pm	11/04/2021

Metals, NYSDEC Part 375

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
7440-39-3	Barium	ND		mg/L	0.028	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2021 10:04	11/05/2021 13:06	RTH
7440-41-7	Beryllium	ND		mg/L	0.0006	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2021 10:04	11/05/2021 13:06	RTH
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2021 10:04	11/05/2021 13:06	RTH
7440-47-3	Chromium	ND		mg/L	0.006	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2021 10:04	11/05/2021 13:06	RTH
7440-50-8	Copper	ND		mg/L	0.022	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2021 10:04	11/05/2021 13:06	RTH
7439-92-1	Lead	ND		mg/L	0.006	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2021 10:04	11/05/2021 13:06	RTH
7439-96-5	**Manganese**	**0.310**		mg/L	0.006	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2021 10:04	11/05/2021 13:06	RTH
7440-02-0	Nickel	ND		mg/L	0.011	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2021 10:04	11/05/2021 13:06	RTH
7782-49-2	* Selenium	ND		mg/L	0.028	1	EPA 6010D Certifications: CTDOH	11/05/2021 10:04	11/05/2021 13:06	RTH
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2021 10:04	11/05/2021 13:06	RTH
7440-66-6	Zinc	ND		mg/L	0.028	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2021 10:04	11/05/2021 13:06	RTH

Metals, NYSDEC Part 375 - Dissolved

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
7440-38-2	Arsenic	ND		mg/L	0.015	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2021 10:16	11/09/2021 17:11	RTH
7440-39-3	Barium	ND		mg/L	0.025	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2021 10:16	11/09/2021 17:11	RTH
7440-41-7	Beryllium	ND		mg/L	0.0005	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2021 10:16	11/09/2021 17:11	RTH
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2021 10:16	11/09/2021 17:11	RTH
7440-47-3	Chromium	ND		mg/L	0.005	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2021 10:16	11/09/2021 17:11	RTH
7440-50-8	Copper	ND		mg/L	0.020	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2021 10:16	11/09/2021 17:11	RTH
7439-92-1	Lead	ND		mg/L	0.005	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2021 10:16	11/09/2021 17:11	RTH
7439-96-5	**Manganese**	**0.326**		mg/L	0.005	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2021 10:16	11/09/2021 17:11	RTH
7440-02-0	Nickel	ND		mg/L	0.010	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2021 10:16	11/09/2021 17:11	RTH
7782-49-2	* Selenium	ND		mg/L	0.025	1	EPA 6010D Certifications: CTDOH	11/05/2021 10:16	11/09/2021 17:11	RTH

Sample Information

Client Sample ID: WBG-SB03-GW **York Sample ID:** 21K0228-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21K0228	42141.00/TASK 400 WARRENSBURG DPW	Water	November 3, 2021 3:44 pm	11/04/2021

Metals, NYSDEC Part 375 - Dissolved

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
7440-22-4	Silver	ND		mg/L	0.005	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2021 10:16	11/09/2021 17:11	RTH
7440-66-6	Zinc	ND		mg/L	0.025	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2021 10:16	11/09/2021 17:11	RTH

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,NELAC-NY10854,NJDEP,PADEP	11/05/2021 19:59	11/05/2021 19:59	AA

Mercury, Dissolved

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,NELAC-NY10854,NJDEP,PADEP	11/05/2021 20:04	11/05/2021 20:04	AA

Sample Information

Client Sample ID: WBG-SB04-GW **York Sample ID:** 21K0228-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21K0228	42141.00/TASK 400 WARRENSBURG DPW	Water	November 3, 2021 1:10 pm	11/04/2021

Volatile Organics, NYSDEC Part 375 List

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	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	11/05/2021 09:00	11/05/2021 17:55	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	11/05/2021 09:00	11/05/2021 17:55	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	11/05/2021 09:00	11/05/2021 17:55	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	11/05/2021 09:00	11/05/2021 17:55	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	11/05/2021 09:00	11/05/2021 17:55	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	11/05/2021 09:00	11/05/2021 17:55	PD

Sample Information

Client Sample ID: WBG-SB04-GW **York Sample ID:** 21K0228-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21K0228	42141.00/TASK 400 WARRENSBURG DPW	Water	November 3, 2021 1:10 pm	11/04/2021

Volatile Organics, NYSDEC Part 375 List

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	0.20	0.50	1	EPA 8260C Certifications:	11/05/2021 09:00	11/05/2021 17:55 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/05/2021 09:00	11/05/2021 17:55 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/05/2021 09:00	11/05/2021 17:55 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	PD
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications:	11/05/2021 09:00	11/05/2021 17:55 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	PD
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/05/2021 09:00	11/05/2021 17:55 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	PD
67-64-1	**Acetone**	**1.5**	J	ug/L	1.0	2.0	1	EPA 8260C Certifications:	11/05/2021 09:00	11/05/2021 17:55 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	PD
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/05/2021 09:00	11/05/2021 17:55 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/05/2021 09:00	11/05/2021 17:55 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	PD
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/05/2021 09:00	11/05/2021 17:55 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	PD
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/05/2021 09:00	11/05/2021 17:55 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/05/2021 09:00	11/05/2021 17:55 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/05/2021 09:00	11/05/2021 17:55 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/05/2021 09:00	11/05/2021 17:55 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	PD
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	11/05/2021 09:00	11/05/2021 17:55 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	PD
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	11/05/2021 09:00	11/05/2021 17:55 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/05/2021 09:00	11/05/2021 17:55 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/05/2021 09:00	11/05/2021 17:55 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	PD
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/05/2021 09:00	11/05/2021 17:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	11/05/2021 09:00	11/05/2021 17:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/05/2021 09:00	11/05/2021 17:55 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/05/2021 09:00	11/05/2021 17:55 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	PD
127-18-4	**Tetrachloroethylene**	**0.39**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/05/2021 09:00	11/05/2021 17:55 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	PD
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/05/2021 09:00	11/05/2021 17:55 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	PD

Sample Information

Client Sample ID: WBG-SB04-GW **York Sample ID:** 21K0228-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21K0228	42141.00/TASK 400 WARRENSBURG DPW	Water	November 3, 2021 1:10 pm	11/04/2021

Volatile Organics, NYSDEC Part 375 List

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
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/05/2021 09:00	11/05/2021 17:55 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	PD
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/05/2021 09:00	11/05/2021 17:55 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/05/2021 09:00	11/05/2021 17:55 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	11/05/2021 09:00	11/05/2021 17:55 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058	PD

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.0 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.8 %*	*79-122*

Semi-Volatiles, CP-51 (formerly STARS) List

Log-in Notes:

Sample Notes: EXT-EM

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
83-32-9	Acenaphthene	ND		ug/L	0.056	0.056	1	EPA 8270D Certifications:	11/08/2021 07:45	11/08/2021 20:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		ug/L	0.056	0.056	1	EPA 8270D Certifications:	11/08/2021 07:45	11/08/2021 20:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		ug/L	0.056	0.056	1	EPA 8270D Certifications:	11/08/2021 07:45	11/08/2021 20:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.056	0.056	1	EPA 8270D Certifications:	11/08/2021 07:45	11/08/2021 20:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.056	0.056	1	EPA 8270D Certifications:	11/08/2021 07:45	11/08/2021 20:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.056	0.056	1	EPA 8270D Certifications:	11/08/2021 07:45	11/08/2021 20:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.056	0.056	1	EPA 8270D Certifications:	11/08/2021 07:45	11/08/2021 20:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.056	0.056	1	EPA 8270D Certifications:	11/08/2021 07:45	11/08/2021 20:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	Chrysene	ND		ug/L	0.056	0.056	1	EPA 8270D Certifications:	11/08/2021 07:45	11/08/2021 20:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.056	0.056	1	EPA 8270D Certifications:	11/08/2021 07:45	11/08/2021 20:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	Fluoranthene	ND		ug/L	0.056	0.056	1	EPA 8270D Certifications:	11/08/2021 07:45	11/08/2021 20:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		ug/L	0.056	0.056	1	EPA 8270D Certifications:	11/08/2021 07:45	11/08/2021 20:18 NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.056	0.056	1	EPA 8270D Certifications:	11/08/2021 07:45	11/08/2021 20:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: WBG-SB04-GW

York Sample ID: 21K0228-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21K0228	42141.00/TASK 400 WARRENSBURG DPW	Water	November 3, 2021 1:10 pm	11/04/2021

Semi-Volatiles, CP-51 (formerly STARS) List

Log-in Notes:

Sample Notes: EXT-EM

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
91-20-3	Naphthalene	ND		ug/L	0.056	0.056	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/08/2021 07:45	11/08/2021 20:18	KH
85-01-8	Phenanthrene	ND		ug/L	0.056	0.056	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/08/2021 07:45	11/08/2021 20:18	KH
129-00-0	Pyrene	ND		ug/L	0.056	0.056	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/08/2021 07:45	11/08/2021 20:18	KH

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*87.9 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*73.2 %*	*39.9-105*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*54.5 %*	*30.7-106*

Metals, NYSDEC Part 375

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
7440-38-2	Arsenic	ND		mg/L	0.017	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2021 10:04	11/05/2021 13:09	RTH
7440-39-3	Barium	ND		mg/L	0.028	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2021 10:04	11/05/2021 13:09	RTH
7440-41-7	Beryllium	ND		mg/L	0.0006	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2021 10:04	11/05/2021 13:09	RTH
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2021 10:04	11/05/2021 13:09	RTH
7440-47-3	Chromium	ND		mg/L	0.006	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2021 10:04	11/05/2021 13:09	RTH
7440-50-8	Copper	ND		mg/L	0.022	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2021 10:04	11/05/2021 13:09	RTH
7439-92-1	Lead	ND		mg/L	0.006	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2021 10:04	11/05/2021 13:09	RTH
7439-96-5	**Manganese**	**1.22**		mg/L	0.006	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2021 10:04	11/05/2021 13:09	RTH
7440-02-0	Nickel	ND		mg/L	0.011	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2021 10:04	11/05/2021 13:09	RTH
7782-49-2	* Selenium	ND		mg/L	0.028	1	EPA 6010D Certifications: CTDOH	11/05/2021 10:04	11/05/2021 13:09	RTH
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2021 10:04	11/05/2021 13:09	RTH
7440-66-6	**Zinc**	**0.031**		mg/L	0.028	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2021 10:04	11/05/2021 13:09	RTH

Metals, NYSDEC Part 375 - Dissolved

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

Sample Information

Client Sample ID: WBG-SB04-GW **York Sample ID:** 21K0228-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21K0228	42141.00/TASK 400 WARRENSBURG DPW	Water	November 3, 2021 1:10 pm	11/04/2021

Metals, NYSDEC Part 375 - Dissolved

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
7440-38-2	Arsenic	ND		mg/L	0.017	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2021 10:16	11/09/2021 17:15	RTH
7440-39-3	Barium	ND		mg/L	0.028	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2021 10:16	11/09/2021 17:15	RTH
7440-41-7	Beryllium	ND		mg/L	0.0006	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2021 10:16	11/09/2021 17:15	RTH
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2021 10:16	11/09/2021 17:15	RTH
7440-47-3	**Chromium**	**0.009**		mg/L	0.006	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2021 10:16	11/09/2021 17:15	RTH
7440-50-8	Copper	ND		mg/L	0.022	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2021 10:16	11/09/2021 17:15	RTH
7439-92-1	Lead	ND		mg/L	0.006	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2021 10:16	11/09/2021 17:15	RTH
7439-96-5	**Manganese**	**1.37**		mg/L	0.006	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2021 10:16	11/09/2021 17:15	RTH
7440-02-0	Nickel	ND		mg/L	0.011	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2021 10:16	11/09/2021 17:15	RTH
7782-49-2	* Selenium	ND		mg/L	0.028	1	EPA 6010D Certifications: CTDOH	11/05/2021 10:16	11/09/2021 17:15	RTH
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2021 10:16	11/09/2021 17:15	RTH
7440-66-6	Zinc	ND		mg/L	0.028	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2021 10:16	11/09/2021 17:15	RTH

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,NELAC-NY10854,NJDEP,PADEP	11/05/2021 19:59	11/05/2021 19:59	AA

Mercury, Dissolved

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,NELAC-NY10854,NJDEP,PADEP	11/05/2021 20:04	11/05/2021 20:04	AA

Sample Information

Client Sample ID: WBG-SB05-GW

York Sample ID: 21K0228-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21K0228	42141.00/TASK 400 WARRENSBURG DPW	Water	November 3, 2021 11:52 am	11/04/2021

Volatile Organics, NYSDEC Part 375 List

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	0.20	0.50	1	EPA 8260C Certifications:	11/05/2021 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	11/05/2021 18:23	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/05/2021 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	11/05/2021 18:23	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/05/2021 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	11/05/2021 18:23	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/05/2021 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	11/05/2021 18:23	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/05/2021 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	11/05/2021 18:23	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/05/2021 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	11/05/2021 18:23	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/05/2021 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	11/05/2021 18:23	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/05/2021 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	11/05/2021 18:23	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/05/2021 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	11/05/2021 18:23	PD
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications:	11/05/2021 09:00 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	11/05/2021 18:23	PD
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/05/2021 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	11/05/2021 18:23	PD
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	11/05/2021 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	11/05/2021 18:23	PD
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/05/2021 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	11/05/2021 18:23	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/05/2021 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	11/05/2021 18:23	PD
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/05/2021 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	11/05/2021 18:23	PD
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/05/2021 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	11/05/2021 18:23	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/05/2021 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	11/05/2021 18:23	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/05/2021 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	11/05/2021 18:23	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/05/2021 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	11/05/2021 18:23	PD
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	11/05/2021 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	11/05/2021 18:23	PD
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	11/05/2021 09:00 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	11/05/2021 18:23	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/05/2021 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	11/05/2021 18:23	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/05/2021 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	11/05/2021 18:23	PD

Sample Information

Client Sample ID: WBG-SB05-GW **York Sample ID:** 21K0228-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21K0228	42141.00/TASK 400 WARRENSBURG DPW	Water	November 3, 2021 11:52 am	11/04/2021

Volatile Organics, NYSDEC Part 375 List

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**	**0.35**	J	ug/L	0.20	0.50	1	EPA 8260C	11/05/2021 09:00	11/05/2021 18:23	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	**p- & m- Xylenes**	**0.75**	J	ug/L	0.50	1.0	1	EPA 8260C	11/05/2021 09:00	11/05/2021 18:23	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2021 09:00	11/05/2021 18:23	PD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2021 09:00	11/05/2021 18:23	PD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
127-18-4	**Tetrachloroethylene**	**0.75**		ug/L	0.20	0.50	1	EPA 8260C	11/05/2021 09:00	11/05/2021 18:23	PD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
108-88-3	**Toluene**	**0.74**		ug/L	0.20	0.50	1	EPA 8260C	11/05/2021 09:00	11/05/2021 18:23	PD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2021 09:00	11/05/2021 18:23	PD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2021 09:00	11/05/2021 18:23	PD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2021 09:00	11/05/2021 18:23	PD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
1330-20-7	**Xylenes, Total**	**1.1**	J	ug/L	0.60	1.5	1	EPA 8260C	11/05/2021 09:00	11/05/2021 18:23	PD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.3 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*79-122*

Semi-Volatiles, CP-51 (formerly STARS) List

Log-in Notes:

Sample Notes: EXT-EM

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
83-32-9	Acenaphthene	ND		ug/L	0.061	0.061	1	EPA 8270D	11/08/2021 07:45	11/08/2021 20:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		ug/L	0.061	0.061	1	EPA 8270D	11/08/2021 07:45	11/08/2021 20:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		ug/L	0.061	0.061	1	EPA 8270D	11/08/2021 07:45	11/08/2021 20:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.061	0.061	1	EPA 8270D	11/08/2021 07:45	11/08/2021 20:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.061	0.061	1	EPA 8270D	11/08/2021 07:45	11/08/2021 20:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.061	0.061	1	EPA 8270D	11/08/2021 07:45	11/08/2021 20:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.061	0.061	1	EPA 8270D	11/08/2021 07:45	11/08/2021 20:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: WBG-SB05-GW

York Sample ID: 21K0228-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21K0228	42141.00/TASK 400 WARRENSBURG DPW	Water	November 3, 2021 11:52 am	11/04/2021

Semi-Volatiles, CP-51 (formerly STARS) List

Log-in Notes:

Sample Notes: EXT-EM

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
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.061	0.061	1	EPA 8270D Certifications:	11/08/2021 07:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/08/2021 20:51	KH
218-01-9	Chrysene	ND		ug/L	0.061	0.061	1	EPA 8270D Certifications:	11/08/2021 07:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/08/2021 20:51	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.061	0.061	1	EPA 8270D Certifications:	11/08/2021 07:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/08/2021 20:51	KH
206-44-0	Fluoranthene	ND		ug/L	0.061	0.061	1	EPA 8270D Certifications:	11/08/2021 07:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/08/2021 20:51	KH
86-73-7	Fluorene	ND		ug/L	0.061	0.061	1	EPA 8270D Certifications:	11/08/2021 07:45 NELAC-NY10854,NJDEP,PADEP	11/08/2021 20:51	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.061	0.061	1	EPA 8270D Certifications:	11/08/2021 07:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/08/2021 20:51	KH
91-20-3	Naphthalene	ND		ug/L	0.061	0.061	1	EPA 8270D Certifications:	11/08/2021 07:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/08/2021 20:51	KH
85-01-8	Phenanthrene	ND		ug/L	0.061	0.061	1	EPA 8270D Certifications:	11/08/2021 07:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/08/2021 20:51	KH
129-00-0	Pyrene	ND		ug/L	0.061	0.061	1	EPA 8270D Certifications:	11/08/2021 07:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/08/2021 20:51	KH

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*84.5 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*70.5 %*	*39.9-105*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*47.6 %*	*30.7-106*

Metals, NYSDEC Part 375

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
7440-38-2	Arsenic	ND		mg/L	0.017	1	EPA 6010D Certifications:	11/05/2021 10:04 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2021 13:12	RTH
7440-39-3	Barium	ND		mg/L	0.028	1	EPA 6010D Certifications:	11/05/2021 10:04 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2021 13:12	RTH
7440-41-7	Beryllium	ND		mg/L	0.0006	1	EPA 6010D Certifications:	11/05/2021 10:04 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2021 13:12	RTH
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010D Certifications:	11/05/2021 10:04 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2021 13:12	RTH
7440-47-3	Chromium	ND		mg/L	0.006	1	EPA 6010D Certifications:	11/05/2021 10:04 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2021 13:12	RTH
7440-50-8	Copper	ND		mg/L	0.022	1	EPA 6010D Certifications:	11/05/2021 10:04 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2021 13:12	RTH
7439-92-1	Lead	ND		mg/L	0.006	1	EPA 6010D Certifications:	11/05/2021 10:04 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2021 13:12	RTH
7439-96-5	**Manganese**	**0.383**		mg/L	0.006	1	EPA 6010D Certifications:	11/05/2021 10:04 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2021 13:12	RTH
7440-02-0	Nickel	ND		mg/L	0.011	1	EPA 6010D Certifications:	11/05/2021 10:04 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2021 13:12	RTH

Sample Information

Client Sample ID: WBG-SB05-GW **York Sample ID:** 21K0228-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21K0228	42141.00/TASK 400 WARRENSBURG DPW	Water	November 3, 2021 11:52 am	11/04/2021

Metals, NYSDEC Part 375

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
7782-49-2	* Selenium	ND		mg/L	0.028	1	EPA 6010D Certifications: CTDOH	11/05/2021 10:04	11/05/2021 13:12	RTH
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2021 10:04	11/05/2021 13:12	RTH
7440-66-6	Zinc	ND		mg/L	0.028	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2021 10:04	11/05/2021 13:12	RTH

Metals, NYSDEC Part 375 - Dissolved

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
7440-38-2	Arsenic	ND		mg/L	0.017	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2021 10:16	11/09/2021 17:18	RTH
7440-39-3	Barium	ND		mg/L	0.028	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2021 10:16	11/09/2021 17:18	RTH
7440-41-7	Beryllium	ND		mg/L	0.0006	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2021 10:16	11/09/2021 17:18	RTH
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2021 10:16	11/09/2021 17:18	RTH
7440-47-3	Chromium	ND		mg/L	0.006	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2021 10:16	11/09/2021 17:18	RTH
7440-50-8	Copper	ND		mg/L	0.022	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2021 10:16	11/09/2021 17:18	RTH
7439-92-1	Lead	ND		mg/L	0.006	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2021 10:16	11/09/2021 17:18	RTH
7439-96-5	**Manganese**	**0.395**		mg/L	0.006	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2021 10:16	11/09/2021 17:18	RTH
7440-02-0	Nickel	ND		mg/L	0.011	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2021 10:16	11/09/2021 17:18	RTH
7782-49-2	* Selenium	ND		mg/L	0.028	1	EPA 6010D Certifications: CTDOH	11/05/2021 10:16	11/09/2021 17:18	RTH
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2021 10:16	11/09/2021 17:18	RTH
7440-66-6	Zinc	ND		mg/L	0.028	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2021 10:16	11/09/2021 17:18	RTH

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,NELAC-NY10854,NJDEP,PADEP	11/05/2021 19:59	11/05/2021 19:59	AA

Mercury, Dissolved

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: **WBG-SB05-GW** **York Sample ID:** **21K0228-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21K0228	42141.00/TASK 400 WARRENSBURG DPW	Water	November 3, 2021 11:52 am	11/04/2021

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	11/05/2021 20:04	11/05/2021 20:04	AA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Analytical Batch Summary

Batch ID: BK11253 **Preparation Method:** EPA 5030B **Prepared By:** PD

YORK Sample ID	Client Sample ID	Preparation Date
21K0228-07	WBG-SB02-GW	11/05/21
21K0228-08	WBG-SB03-GW	11/05/21
21K0228-09	WBG-SB04-GW	11/05/21
21K0228-10	WBG-SB05-GW	11/05/21
BK11253-BLK1	Blank	11/05/21
BK11253-BS1	LCS	11/05/21
BK11253-BSD1	LCS Dup	11/05/21

Batch ID: BK11261 **Preparation Method:** EPA 3015A **Prepared By:** BR

YORK Sample ID	Client Sample ID	Preparation Date
21K0228-07	WBG-SB02-GW	11/05/21
21K0228-08	WBG-SB03-GW	11/05/21
21K0228-09	WBG-SB04-GW	11/05/21
21K0228-10	WBG-SB05-GW	11/05/21
BK11261-BLK1	Blank	11/05/21
BK11261-BS1	LCS	11/05/21
BK11261-DUP1	Duplicate	11/05/21
BK11261-MS1	Matrix Spike	11/05/21
BK11261-PS1	Post Spike	11/05/21

Batch ID: BK11263 **Preparation Method:** EPA 3015A **Prepared By:** BR

YORK Sample ID	Client Sample ID	Preparation Date
21K0228-07	WBG-SB02-GW	11/05/21
21K0228-08	WBG-SB03-GW	11/05/21
21K0228-09	WBG-SB04-GW	11/05/21
21K0228-10	WBG-SB05-GW	11/05/21
BK11263-BLK1	Blank	11/05/21
BK11263-BS1	LCS	11/05/21
BK11263-DUP1	Duplicate	11/05/21
BK11263-MS1	Matrix Spike	11/05/21
BK11263-PS1	Post Spike	11/05/21

Batch ID: BK11312 **Preparation Method:** EPA SW846-7470A **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
21K0228-07	WBG-SB02-GW	11/05/21
21K0228-08	WBG-SB03-GW	11/05/21
21K0228-09	WBG-SB04-GW	11/05/21
21K0228-10	WBG-SB05-GW	11/05/21
BK11312-BLK1	Blank	11/05/21
BK11312-BS1	LCS	11/05/21
BK11312-BS2	LCS	11/05/21

Batch ID: BK11313 **Preparation Method:** EPA SW846-7470A **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
21K0228-07	WBG-SB02-GW	11/05/21
21K0228-08	WBG-SB03-GW	11/05/21
21K0228-09	WBG-SB04-GW	11/05/21
21K0228-10	WBG-SB05-GW	11/05/21
BK11313-BLK1	Blank	11/05/21
BK11313-BS1	LCS	11/05/21
BK11313-BS2	LCS	11/05/21

Batch ID: BK11323 **Preparation Method:** EPA 3510C **Prepared By:** MC

YORK Sample ID	Client Sample ID	Preparation Date
21K0228-07	WBG-SB02-GW	11/08/21
21K0228-08	WBG-SB03-GW	11/08/21
21K0228-09	WBG-SB04-GW	11/08/21
21K0228-10	WBG-SB05-GW	11/08/21
BK11323-BLK1	Blank	11/08/21
BK11323-BLK2	Blank	11/08/21
BK11323-BS1	LCS	11/08/21
BK11323-BS2	LCS	11/08/21
BK11323-MS1	Matrix Spike	11/08/21
BK11323-MSD1	Matrix Spike Dup	11/08/21

Batch ID: BK11325 **Preparation Method:** EPA 3546 SVOA **Prepared By:** SJB

YORK Sample ID	Client Sample ID	Preparation Date
21K0228-01	WBG-SS-01 (0-2")	11/08/21
21K0228-02	WBG-SB-01 (5.5-6.5')	11/08/21
21K0228-03	WBG-SB-02 (3.5-4.5')	11/08/21
21K0228-04	WBG-SB-03 (4-5')	11/08/21
21K0228-05	WBG-SB-04 (5-6')	11/08/21
21K0228-06	WBG-SB-05 (5-6')	11/08/21
BK11325-BLK1	Blank	11/08/21
BK11325-BS1	LCS	11/08/21
BK11325-MS1	Matrix Spike	11/08/21
BK11325-MSD1	Matrix Spike Dup	11/08/21

Batch ID: BK11333 **Preparation Method:** EPA 5035A **Prepared By:** YG

YORK Sample ID	Client Sample ID	Preparation Date
21K0228-02	WBG-SB-01 (5.5-6.5')	11/08/21
21K0228-04	WBG-SB-03 (4-5')	11/08/21
21K0228-05	WBG-SB-04 (5-6')	11/08/21
21K0228-06	WBG-SB-05 (5-6')	11/08/21
BK11333-BLK1	Blank	11/08/21
BK11333-BLK2	Blank	11/08/21

BK11333-BS1	LCS	11/08/21
BK11333-BSD1	LCS Dup	11/08/21

Batch ID: BK11400 **Preparation Method:** EPA 3050B **Prepared By:** K T

YORK Sample ID	Client Sample ID	Preparation Date
21K0228-03	WBG-SB-02 (3.5-4.5')	11/08/21
21K0228-04	WBG-SB-03 (4-5')	11/08/21
21K0228-05	WBG-SB-04 (5-6')	11/08/21
21K0228-06	WBG-SB-05 (5-6')	11/08/21
BK11400-BLK1	Blank	11/08/21
BK11400-DUP1	Duplicate	11/08/21
BK11400-MS1	Matrix Spike	11/08/21
BK11400-PS1	Post Spike	11/08/21
BK11400-SRM1	Reference	11/08/21

Batch ID: BK11409 **Preparation Method:** EPA 5035A **Prepared By:** OC

YORK Sample ID	Client Sample ID	Preparation Date
21K0228-03	WBG-SB-02 (3.5-4.5')	11/09/21
BK11409-BLK1	Blank	11/09/21
BK11409-BS1	LCS	11/09/21
BK11409-BSD1	LCS Dup	11/09/21
BK11409-MS1	Matrix Spike	11/09/21
BK11409-MSD1	Matrix Spike Dup	11/09/21

Batch ID: BK11513 **Preparation Method:** % Solids Prep **Prepared By:** JAG

YORK Sample ID	Client Sample ID	Preparation Date
21K0228-01	WBG-SS-01 (0-2")	11/10/21
21K0228-02	WBG-SB-01 (5.5-6.5')	11/10/21
21K0228-03	WBG-SB-02 (3.5-4.5')	11/10/21
21K0228-04	WBG-SB-03 (4-5')	11/10/21
21K0228-05	WBG-SB-04 (5-6')	11/10/21
21K0228-06	WBG-SB-05 (5-6')	11/10/21
BK11513-DUP1	Duplicate	11/10/21

Batch ID: BK11520 **Preparation Method:** EPA 7473 soil **Prepared By:** BR

YORK Sample ID	Client Sample ID	Preparation Date
21K0228-03	WBG-SB-02 (3.5-4.5')	11/10/21
21K0228-04	WBG-SB-03 (4-5')	11/10/21
21K0228-05	WBG-SB-04 (5-6')	11/10/21
21K0228-06	WBG-SB-05 (5-6')	11/10/21
BK11520-BLK1	Blank	11/10/21
BK11520-DUP1	Duplicate	11/10/21
BK11520-MS1	Matrix Spike	11/10/21
BK11520-SRM1	Reference	11/10/21

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK11253 - EPA 5030B											
Blank (BK11253-BLK1)									Prepared & Analyzed: 11/05/2021		
1,1,1-Trichloroethane	ND	0.50	ug/L								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	80	"								
2-Butanone	ND	0.50	"								
Acetone	ND	2.0	"								
Benzene	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroform	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	ND	2.0	"								
Naphthalene	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
sec-Butylbenzene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.3*		*"*	*10.0*		*103*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.83*		*"*	*10.0*		*98.3*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.90*		*"*	*10.0*		*99.0*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK11253 - EPA 5030B											
LCS (BK11253-BS1)								Prepared & Analyzed: 11/05/2021			
1,1,1-Trichloroethane	8.8		ug/L	10.0		88.2	78-136				
1,1-Dichloroethane	8.4		"	10.0		84.4	82-129				
1,1-Dichloroethylene	8.9		"	10.0		89.4	68-138				
1,2,4-Trimethylbenzene	8.2		"	10.0		81.6	82-132	Low Bias			
1,2-Dichlorobenzene	8.4		"	10.0		83.8	79-123				
1,2-Dichloroethane	9.0		"	10.0		90.0	73-132				
1,3,5-Trimethylbenzene	8.0		"	10.0		79.9	80-131	Low Bias			
1,3-Dichlorobenzene	8.2		"	10.0		82.3	86-122	Low Bias			
1,4-Dichlorobenzene	8.4		"	10.0		83.5	85-124	Low Bias			
1,4-Dioxane	220		"	210		105	10-349				
2-Butanone	7.5		"	10.0		74.7	49-152				
Acetone	5.4		"	10.0		54.3	14-150				
Benzene	8.6		"	10.0		86.2	85-126				
Carbon tetrachloride	9.1		"	10.0		90.9	77-141				
Chlorobenzene	8.7		"	10.0		86.7	88-120	Low Bias			
Chloroform	8.6		"	10.0		85.7	82-128				
cis-1,2-Dichloroethylene	8.7		"	10.0		87.3	83-129				
Ethyl Benzene	8.3		"	10.0		83.3	80-131				
Methyl tert-butyl ether (MTBE)	8.8		"	10.0		87.5	76-135				
Methylene chloride	8.7		"	10.0		86.6	55-137				
Naphthalene	8.8		"	10.0		87.6	70-147				
n-Butylbenzene	6.8		"	10.0		68.3	79-132	Low Bias			
n-Propylbenzene	8.2		"	10.0		81.6	78-133				
o-Xylene	8.5		"	10.0		84.6	78-130				
p- & m- Xylenes	17		"	20.0		83.9	77-133				
sec-Butylbenzene	8.0		"	10.0		79.5	79-137				
tert-Butylbenzene	8.1		"	10.0		80.6	77-138				
Tetrachloroethylene	4.5		"	10.0		45.1	82-131	Low Bias			
Toluene	8.4		"	10.0		83.7	80-127				
trans-1,2-Dichloroethylene	8.8		"	10.0		88.3	80-132				
Trichloroethylene	7.6		"	10.0		75.7	82-128	Low Bias			
Vinyl Chloride	10		"	10.0		101	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.3*		*"*	*10.0*		*103*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.89*		*"*	*10.0*		*98.9*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.99*		*"*	*10.0*		*99.9*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK11253 - EPA 5030B											
LCS Dup (BK11253-BSD1)								Prepared & Analyzed: 11/05/2021			
1,1,1-Trichloroethane	9.2		ug/L	10.0		92.0	78-136		4.22	30	
1,1-Dichloroethane	9.0		"	10.0		89.5	82-129		5.87	30	
1,1-Dichloroethylene	10		"	10.0		100	68-138		11.4	30	
1,2,4-Trimethylbenzene	8.8		"	10.0		87.9	82-132		7.43	30	
1,2-Dichlorobenzene	8.7		"	10.0		87.2	79-123		3.98	30	
1,2-Dichloroethane	9.1		"	10.0		91.2	73-132		1.32	30	
1,3,5-Trimethylbenzene	8.6		"	10.0		86.2	80-131		7.59	30	
1,3-Dichlorobenzene	8.7		"	10.0		87.1	86-122		5.67	30	
1,4-Dichlorobenzene	8.8		"	10.0		87.8	85-124		5.02	30	
1,4-Dioxane	220		"	210		104	10-349		0.396	30	
2-Butanone	7.4		"	10.0		74.0	49-152		0.941	30	
Acetone	5.6		"	10.0		56.2	14-150		3.44	30	
Benzene	8.9		"	10.0		89.3	85-126		3.53	30	
Carbon tetrachloride	9.6		"	10.0		95.8	77-141		5.25	30	
Chlorobenzene	9.2		"	10.0		91.8	88-120		5.71	30	
Chloroform	8.9		"	10.0		89.4	82-128		4.23	30	
cis-1,2-Dichloroethylene	9.0		"	10.0		90.0	83-129		3.05	30	
Ethyl Benzene	8.9		"	10.0		89.2	80-131		6.84	30	
Methyl tert-butyl ether (MTBE)	8.8		"	10.0		88.0	76-135		0.570	30	
Methylene chloride	8.5		"	10.0		84.8	55-137		2.10	30	
Naphthalene	9.0		"	10.0		89.7	70-147		2.37	30	
n-Butylbenzene	8.0		"	10.0		79.5	79-132		15.2	30	
n-Propylbenzene	8.8		"	10.0		87.5	78-133		6.98	30	
o-Xylene	9.0		"	10.0		90.4	78-130		6.63	30	
p- & m- Xylenes	18		"	20.0		89.8	77-133		6.74	30	
sec-Butylbenzene	8.8		"	10.0		87.6	79-137		9.69	30	
tert-Butylbenzene	8.8		"	10.0		88.4	77-138		9.23	30	
Tetrachloroethylene	4.8		"	10.0		48.0	82-131	Low Bias	6.23	30	
Toluene	8.9		"	10.0		88.8	80-127		5.91	30	
trans-1,2-Dichloroethylene	9.1		"	10.0		90.9	80-132		2.90	30	
Trichloroethylene	7.8		"	10.0		78.4	82-128	Low Bias	3.50	30	
Vinyl Chloride	11		"	10.0		106	58-145		4.25	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.1*		*"*	*10.0*		*101*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.86*		*"*	*10.0*		*98.6*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.90*		*"*	*10.0*		*99.0*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK11333 - EPA 5035A											
Blank (BK11333-BLK1)											Prepared & Analyzed: 11/08/2021
1,1,1-Trichloroethane	ND	0.0050	mg/kg wet								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Benzene	ND	0.0050	"								
Benzene	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroform	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylene chloride	0.015	0.010	"								
Naphthalene	ND	0.010	"								
Naphthalene	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*52.6*		*ug/L*	*50.0*		*105*	*77-125*				
Surrogate: SURR: 1,2-Dichloroethane-d4	*52.6*		*"*	*50.0*		*105*	*77-125*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK11333 - EPA 5035A											
Blank (BK11333-BLK1)									Prepared & Analyzed: 11/08/2021		
Surrogate: SURR: Toluene-d8	*50.2*		*ug/L*	*50.0*		*100*	*85-120*				
Surrogate: SURR: Toluene-d8	*50.2*		*"*	*50.0*		*100*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*55.4*		*"*	*50.0*		*111*	*76-130*				
Surrogate: SURR: p-Bromofluorobenzene	*55.4*		*"*	*50.0*		*111*	*76-130*				
Blank (BK11333-BLK2)									Prepared & Analyzed: 11/08/2021		
1,1,1-Trichloroethane	ND	0.50	mg/kg wet								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	10	"								
2-Butanone	ND	0.50	"								
Acetone	ND	1.0	"								
Benzene	ND	0.50	"								
Benzene	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroform	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	ND	1.0	"								
Naphthalene	ND	1.0	"								
Naphthalene	ND	1.0	"								
n-Butylbenzene	ND	0.50	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK11333 - EPA 5035A											
Blank (BK11333-BLK2)									Prepared & Analyzed: 11/08/2021		
Trichloroethylene	ND	0.50	mg/kg wet								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*52.2*		*ug/L*	*50.0*		*104*	*77-125*				
Surrogate: SURR: 1,2-Dichloroethane-d4	*52.2*		*"*	*50.0*		*104*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.7*		*"*	*50.0*		*99.4*	*85-120*				
Surrogate: SURR: Toluene-d8	*49.7*		*"*	*50.0*		*99.4*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*56.2*		*"*	*50.0*		*112*	*76-130*				
Surrogate: SURR: p-Bromofluorobenzene	*56.2*		*"*	*50.0*		*112*	*76-130*				
LCS (BK11333-BS1)									Prepared & Analyzed: 11/08/2021		
1,1,1-Trichloroethane	49		ug/L	50.0		97.9	71-137				
1,1-Dichloroethane	48		"	50.0		95.7	75-130				
1,1-Dichloroethylene	55		"	50.0		110	64-137				
1,2,4-Trimethylbenzene	45		"	50.0		89.4	84-125				
1,2,4-Trimethylbenzene	45		"	50.0		89.4	84-125				
1,2-Dichlorobenzene	45		"	50.0		89.7	85-122				
1,2-Dichloroethane	53		"	50.0		105	71-133				
1,3,5-Trimethylbenzene	43		"	50.0		86.9	82-126				
1,3,5-Trimethylbenzene	43		"	50.0		86.9	82-126				
1,3-Dichlorobenzene	42		"	50.0		85.0	84-124				
1,4-Dichlorobenzene	44		"	50.0		87.8	84-124				
1,4-Dioxane	730		"	1050		69.3	10-228				
2-Butanone	50		"	50.0		100	58-147				
Acetone	38		"	50.0		75.4	36-155				
Benzene	50		"	50.0		99.0	77-127				
Benzene	50		"	50.0		99.0	77-127				
Carbon tetrachloride	49		"	50.0		97.3	66-143				
Chlorobenzene	48		"	50.0		96.6	86-120				
Chloroform	52		"	50.0		103	76-131				
cis-1,2-Dichloroethylene	48		"	50.0		96.4	74-132				
Ethyl Benzene	47		"	50.0		95.0	84-125				
Ethyl Benzene	47		"	50.0		95.0	84-125				
Isopropylbenzene	43		"	50.0		85.4	81-127				
Methyl tert-butyl ether (MTBE)	53		"	50.0		105	74-131				
Methyl tert-butyl ether (MTBE)	53		"	50.0		105	74-131				
Methylene chloride	46		"	50.0		91.0	57-141				
Naphthalene	47		"	50.0		94.5	86-141				
Naphthalene	47		"	50.0		94.5	86-141				
n-Butylbenzene	44		"	50.0		88.2	80-130				
n-Butylbenzene	44		"	50.0		88.2	80-130				
n-Propylbenzene	43		"	50.0		86.8	74-136				
n-Propylbenzene	43		"	50.0		86.8	74-136				
o-Xylene	49		"	50.0		98.4	83-123				
o-Xylene	49		"	50.0		98.4	83-123				
p- & m- Xylenes	97		"	100		96.8	82-128				
p- & m- Xylenes	97		"	100		96.8	82-128				
p-Isopropyltoluene	43		"	50.0		85.5	85-125				
sec-Butylbenzene	43		"	50.0		86.0	83-125				
sec-Butylbenzene	43		"	50.0		86.0	83-125				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK11333 - EPA 5035A											
LCS (BK11333-BS1)								Prepared & Analyzed: 11/08/2021			
tert-Butylbenzene	39		ug/L	50.0		78.7	80-127	Low Bias			
tert-Butylbenzene	39		"	50.0		78.7	80-127	Low Bias			
Tetrachloroethylene	33		"	50.0		65.7	80-129	Low Bias			
Toluene	47		"	50.0		93.4	85-121				
Toluene	47		"	50.0		93.4	85-121				
trans-1,2-Dichloroethylene	47		"	50.0		93.6	72-132				
Trichloroethylene	44		"	50.0		88.8	84-123				
Vinyl Chloride	59		"	50.0		118	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*54.9*		*"*	*50.0*		*110*	*77-125*				
Surrogate: SURR: 1,2-Dichloroethane-d4	*54.9*		*"*	*50.0*		*110*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.9*		*"*	*50.0*		*99.8*	*85-120*				
Surrogate: SURR: Toluene-d8	*49.9*		*"*	*50.0*		*99.8*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.6*		*"*	*50.0*		*95.3*	*76-130*				
Surrogate: SURR: p-Bromofluorobenzene	*47.6*		*"*	*50.0*		*95.3*	*76-130*				
LCS Dup (BK11333-BSD1)								Prepared & Analyzed: 11/08/2021			
1,1,1-Trichloroethane	51		ug/L	50.0		103	71-137		4.96	30	
1,1-Dichloroethane	50		"	50.0		99.7	75-130		4.05	30	
1,1-Dichloroethylene	57		"	50.0		115	64-137		3.75	30	
1,2,4-Trimethylbenzene	49		"	50.0		97.0	84-125		8.20	30	
1,2,4-Trimethylbenzene	49		"	50.0		97.0	84-125		8.20	30	
1,2-Dichlorobenzene	48		"	50.0		96.8	85-122		7.70	30	
1,2-Dichloroethane	55		"	50.0		109	71-133		3.77	30	
1,3,5-Trimethylbenzene	47		"	50.0		94.5	82-126		8.38	30	
1,3,5-Trimethylbenzene	47		"	50.0		94.5	82-126		8.38	30	
1,3-Dichlorobenzene	45		"	50.0		90.7	84-124		6.56	30	
1,4-Dichlorobenzene	47		"	50.0		93.1	84-124		5.88	30	
1,4-Dioxane	740		"	1050		70.6	10-228		1.87	30	
2-Butanone	46		"	50.0		92.7	58-147		7.89	30	
Acetone	36		"	50.0		73.0	36-155		3.34	30	
Benzene	51		"	50.0		103	77-127		3.88	30	
Benzene	51		"	50.0		103	77-127		3.88	30	
Carbon tetrachloride	51		"	50.0		103	66-143		5.44	30	
Chlorobenzene	51		"	50.0		103	86-120		5.99	30	
Chloroform	53		"	50.0		106	76-131		2.55	30	
cis-1,2-Dichloroethylene	50		"	50.0		100	74-132		3.89	30	
Ethyl Benzene	51		"	50.0		101	84-125		6.56	30	
Ethyl Benzene	51		"	50.0		101	84-125		6.56	30	
Isopropylbenzene	47		"	50.0		94.9	81-127		10.5	30	
Methyl tert-butyl ether (MTBE)	54		"	50.0		107	74-131		1.77	30	
Methyl tert-butyl ether (MTBE)	54		"	50.0		107	74-131		1.77	30	
Methylene chloride	46		"	50.0		92.5	57-141		1.61	30	
Naphthalene	49		"	50.0		98.1	86-141		3.70	30	
Naphthalene	49		"	50.0		98.1	86-141		3.70	30	
n-Butylbenzene	48		"	50.0		96.2	80-130		8.70	30	
n-Butylbenzene	48		"	50.0		96.2	80-130		8.70	30	
n-Propylbenzene	48		"	50.0		95.7	74-136		9.76	30	
n-Propylbenzene	48		"	50.0		95.7	74-136		9.76	30	
o-Xylene	52		"	50.0		104	83-123		5.32	30	
o-Xylene	52		"	50.0		104	83-123		5.32	30	
p- & m- Xylenes	100		"	100		102	82-128		5.52	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK11333 - EPA 5035A											
LCS Dup (BK11333-BSD1)								Prepared & Analyzed: 11/08/2021			
p- & m- Xylenes	100		ug/L	100		102	82-128		5.52	30	
p-Isopropyltoluene	46		"	50.0		92.9	85-125		8.27	30	
sec-Butylbenzene	47		"	50.0		94.9	83-125		9.84	30	
sec-Butylbenzene	47		"	50.0		94.9	83-125		9.84	30	
tert-Butylbenzene	43		"	50.0		86.6	80-127		9.58	30	
tert-Butylbenzene	43		"	50.0		86.6	80-127		9.58	30	
Tetrachloroethylene	35		"	50.0		70.8	80-129	Low Bias	7.44	30	
Toluene	50		"	50.0		99.7	85-121		6.46	30	
Toluene	50		"	50.0		99.7	85-121		6.46	30	
trans-1,2-Dichloroethylene	49		"	50.0		97.5	72-132		4.04	30	
Trichloroethylene	47		"	50.0		94.9	84-123		6.64	30	
Vinyl Chloride	61		"	50.0		122	52-130		3.70	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*52.2*		*"*	*50.0*		*104*	*77-125*				
Surrogate: SURR: 1,2-Dichloroethane-d4	*52.2*		*"*	*50.0*		*104*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.3*		*"*	*50.0*		*98.6*	*85-120*				
Surrogate: SURR: Toluene-d8	*49.3*		*"*	*50.0*		*98.6*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.4*		*"*	*50.0*		*96.8*	*76-130*				
Surrogate: SURR: p-Bromofluorobenzene	*48.4*		*"*	*50.0*		*96.8*	*76-130*				
Batch BK11409 - EPA 5035A											
Blank (BK11409-BLK1)								Prepared & Analyzed: 11/09/2021			
1,1,1-Trichloroethane	ND	0.0050	mg/kg wet								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Benzene	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroform	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
Naphthalene	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
sec-Butylbenzene	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK11409 - EPA 5035A											
Blank (BK11409-BLK1)								Prepared & Analyzed: 11/09/2021			
trans-1,2-Dichloroethylene	ND	0.0050	mg/kg wet								
Trichloroethylene	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.5*		*ug/L*	*50.0*		*99.1*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.1*		*"*	*50.0*		*102*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*52.2*		*"*	*50.0*		*104*	*76-130*				
LCS (BK11409-BS1)								Prepared & Analyzed: 11/09/2021			
1,1,1-Trichloroethane	39		ug/L	50.0		78.7	71-137				
1,1-Dichloroethane	44		"	50.0		88.5	75-130				
1,1-Dichloroethylene	41		"	50.0		82.9	64-137				
1,2,4-Trimethylbenzene	47		"	50.0		93.4	84-125				
1,2-Dichlorobenzene	48		"	50.0		95.5	85-122				
1,2-Dichloroethane	47		"	50.0		93.3	71-133				
1,3,5-Trimethylbenzene	46		"	50.0		91.7	82-126				
1,3-Dichlorobenzene	46		"	50.0		92.9	84-124				
1,4-Dichlorobenzene	47		"	50.0		94.5	84-124				
1,4-Dioxane	600		"	1050		57.0	10-228				
2-Butanone	36		"	50.0		72.1	58-147				
Acetone	27		"	50.0		54.8	36-155				
Benzene	45		"	50.0		89.3	77-127				
Carbon tetrachloride	39		"	50.0		77.6	66-143				
Chlorobenzene	49		"	50.0		97.3	86-120				
Chloroform	45		"	50.0		89.5	76-131				
cis-1,2-Dichloroethylene	44		"	50.0		88.7	74-132				
Ethyl Benzene	46		"	50.0		92.8	84-125				
Methyl tert-butyl ether (MTBE)	45		"	50.0		90.4	74-131				
Methylene chloride	42		"	50.0		84.6	57-141				
Naphthalene	46		"	50.0		91.8	86-141				
n-Butylbenzene	46		"	50.0		92.5	80-130				
n-Propylbenzene	46		"	50.0		92.6	74-136				
o-Xylene	48		"	50.0		95.8	83-123				
p- & m- Xylenes	94		"	100		94.0	82-128				
sec-Butylbenzene	45		"	50.0		90.2	83-125				
tert-Butylbenzene	45		"	50.0		89.0	80-127				
Tetrachloroethylene	37		"	50.0		73.5	80-129	Low Bias			
Toluene	47		"	50.0		93.1	85-121				
trans-1,2-Dichloroethylene	44		"	50.0		88.9	72-132				
Trichloroethylene	45		"	50.0		89.5	84-123				
Vinyl Chloride	48		"	50.0		95.4	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.7*		*"*	*50.0*		*97.4*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.3*		*"*	*50.0*		*103*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.6*		*"*	*50.0*		*103*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK11409 - EPA 5035A											
LCS Dup (BK11409-BSD1)								Prepared & Analyzed: 11/09/2021			
1,1,1-Trichloroethane	42		ug/L	50.0		84.3	71-137		6.82	30	
1,1-Dichloroethane	47		"	50.0		93.9	75-130		5.92	30	
1,1-Dichloroethylene	45		"	50.0		89.1	64-137		7.28	30	
1,2,4-Trimethylbenzene	50		"	50.0		99.9	84-125		6.74	30	
1,2-Dichlorobenzene	50		"	50.0		99.8	85-122		4.42	30	
1,2-Dichloroethane	48		"	50.0		96.6	71-133		3.45	30	
1,3,5-Trimethylbenzene	49		"	50.0		98.2	82-126		6.89	30	
1,3-Dichlorobenzene	49		"	50.0		98.9	84-124		6.24	30	
1,4-Dichlorobenzene	50		"	50.0		99.8	84-124		5.50	30	
1,4-Dioxane	610		"	1050		58.3	10-228		2.27	30	
2-Butanone	37		"	50.0		73.3	58-147		1.65	30	
Acetone	28		"	50.0		56.7	36-155		3.37	30	
Benzene	48		"	50.0		95.1	77-127		6.29	30	
Carbon tetrachloride	42		"	50.0		83.0	66-143		6.80	30	
Chlorobenzene	50		"	50.0		101	86-120		3.69	30	
Chloroform	47		"	50.0		94.1	76-131		5.03	30	
cis-1,2-Dichloroethylene	47		"	50.0		94.1	74-132		5.86	30	
Ethyl Benzene	49		"	50.0		97.7	84-125		5.21	30	
Methyl tert-butyl ether (MTBE)	47		"	50.0		93.3	74-131		3.16	30	
Methylene chloride	45		"	50.0		89.4	57-141		5.49	30	
Naphthalene	48		"	50.0		95.5	86-141		3.93	30	
n-Butylbenzene	49		"	50.0		98.9	80-130		6.75	30	
n-Propylbenzene	50		"	50.0		99.3	74-136		6.96	30	
o-Xylene	50		"	50.0		100	83-123		4.61	30	
p- & m- Xylenes	99		"	100		99.1	82-128		5.28	30	
sec-Butylbenzene	49		"	50.0		97.3	83-125		7.53	30	
tert-Butylbenzene	48		"	50.0		95.0	80-127		6.50	30	
Tetrachloroethylene	39		"	50.0		78.3	80-129	Low Bias	6.35	30	
Toluene	49		"	50.0		98.2	85-121		5.37	30	
trans-1,2-Dichloroethylene	47		"	50.0		94.6	72-132		6.26	30	
Trichloroethylene	47		"	50.0		94.3	84-123		5.23	30	
Vinyl Chloride	51		"	50.0		101	52-130		6.16	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.9*		*"*	*50.0*		*97.8*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.8*		*"*	*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.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK11409 - EPA 5035A											
Matrix Spike (BK11409-MS1)	*Source sample: 21K0266-01 (Matrix Spike)						Prepared & Analyzed: 11/09/2021				
1,1,1-Trichloroethane	32		ug/L	50.0	0.0	64.0	42-145				
1,1-Dichloroethane	36		"	50.0	0.0	71.3	46-142				
1,1-Dichloroethylene	31		"	50.0	0.0	61.2	30-153				
1,2,4-Trimethylbenzene	27		"	50.0	0.0	53.6	10-170				
1,2-Dichlorobenzene	23		"	50.0	0.0	46.6	10-147				
1,2-Dichloroethane	32		"	50.0	0.0	63.8	48-133				
1,3,5-Trimethylbenzene	28		"	50.0	0.0	55.5	10-150				
1,3-Dichlorobenzene	21		"	50.0	0.0	41.7	10-144				
1,4-Dichlorobenzene	19		"	50.0	0.0	38.7	10-160				
1,4-Dioxane	470		"	1050	0.0	45.0	10-191				
2-Butanone	25		"	50.0	0.0	50.7	10-189				
Acetone	22		"	50.0	0.0	44.2	10-196				
Benzene	33		"	50.0	0.0	66.8	43-139				
Carbon tetrachloride	30		"	50.0	0.0	60.4	35-145				
Chlorobenzene	28		"	50.0	0.0	56.4	21-154				
Chloroform	35		"	50.0	0.0	69.2	47-142				
cis-1,2-Dichloroethylene	30		"	50.0	0.0	60.3	42-144				
Ethyl Benzene	29		"	50.0	0.0	58.3	11-158				
Methyl tert-butyl ether (MTBE)	40		"	50.0	0.0	80.2	42-152				
Methylene chloride	35		"	50.0	3.0	63.7	28-151				
Naphthalene	16		"	50.0	0.0	32.3	10-158				
n-Butylbenzene	22		"	50.0	0.0	43.3	10-162				
n-Propylbenzene	26		"	50.0	0.0	52.7	10-155				
o-Xylene	31		"	50.0	0.0	62.2	10-158				
p- & m- Xylenes	58		"	100	0.0	57.9	10-156				
sec-Butylbenzene	26		"	50.0	0.0	52.4	10-157				
tert-Butylbenzene	29		"	50.0	0.0	57.5	10-160				
Tetrachloroethylene	24		"	50.0	0.0	47.6	30-167				
Toluene	31		"	50.0	0.0	62.7	21-160				
trans-1,2-Dichloroethylene	28		"	50.0	0.0	57.0	29-153				
Trichloroethylene	29		"	50.0	0.0	57.7	24-169				
Vinyl Chloride	38		"	50.0	0.0	75.7	12-160				
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.5*		*"*	*50.0*		*99.1*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.2*		*"*	*50.0*		*102*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*52.3*		*"*	*50.0*		*105*	*70-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK11409 - EPA 5035A											
Matrix Spike Dup (BK11409-MSD1)	*Source sample: 21K0266-01 (Matrix Spike Dup)								Prepared & Analyzed: 11/09/2021		
1,1,1-Trichloroethane	28		ug/L	50.0	0.0	55.3	42-145		14.5	30	
1,1-Dichloroethane	31		"	50.0	0.0	61.9	46-142		14.1	36	
1,1-Dichloroethylene	25		"	50.0	0.0	50.2	30-153		19.8	31	
1,2,4-Trimethylbenzene	20		"	50.0	0.0	39.5	10-170		30.2	242	
1,2-Dichlorobenzene	16		"	50.0	0.0	31.4	10-147		39.1	52	
1,2-Dichloroethane	26		"	50.0	0.0	52.6	48-133		19.2	32	
1,3,5-Trimethylbenzene	21		"	50.0	0.0	42.3	10-150		27.1	62	
1,3-Dichlorobenzene	14		"	50.0	0.0	27.6	10-144		40.7	51	
1,4-Dichlorobenzene	12		"	50.0	0.0	24.9	10-160		43.4	52	
1,4-Dioxane	470		"	1050	0.0	44.9	10-191		0.136	196	
2-Butanone	23		"	50.0	0.0	46.6	10-189		8.55	67	
Acetone	21		"	50.0	0.0	41.6	10-196		6.11	150	
Benzene	28		"	50.0	0.0	55.1	43-139		19.1	64	
Carbon tetrachloride	26		"	50.0	0.0	51.6	35-145		15.7	31	
Chlorobenzene	20		"	50.0	0.0	40.6	21-154		32.4	32	Non-dir.
Chloroform	29		"	50.0	0.0	58.6	47-142		16.5	29	
cis-1,2-Dichloroethylene	24		"	50.0	0.0	48.3	42-144		22.1	30	
Ethyl Benzene	22		"	50.0	0.0	44.4	11-158		27.0	42	
Methyl tert-butyl ether (MTBE)	37		"	50.0	0.0	74.2	42-152		7.85	47	
Methylene chloride	30		"	50.0	3.0	53.8	28-151		16.9	49	
Naphthalene	9.9		"	50.0	0.0	19.8	10-158		48.0	95	
n-Butylbenzene	15		"	50.0	0.0	29.9	10-162		36.5	96	
n-Propylbenzene	19		"	50.0	0.0	38.9	10-155		30.2	56	
o-Xylene	24		"	50.0	0.0	48.5	10-158		24.8	51	
p- & m- Xylenes	44		"	100	0.0	43.7	10-156		27.9	47	
sec-Butylbenzene	19		"	50.0	0.0	38.7	10-157		30.2	56	
tert-Butylbenzene	22		"	50.0	0.0	44.7	10-160		25.0	79	
Tetrachloroethylene	18		"	50.0	0.0	36.6	30-167		26.1	33	
Toluene	24		"	50.0	0.0	49.0	21-160		24.5	50	
trans-1,2-Dichloroethylene	21		"	50.0	0.0	42.5	29-153		29.1	30	
Trichloroethylene	22		"	50.0	0.0	43.4	24-169		28.4	30	
Vinyl Chloride	32		"	50.0	0.0	63.6	12-160		17.4	35	
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.4*		*"*	*50.0*		*98.7*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.8*		*"*	*50.0*		*104*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*52.3*		*"*	*50.0*		*105*	*70-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK11323 - EPA 3510C											
Blank (BK11323-BLK1)									Prepared & Analyzed: 11/08/2021		
Acenaphthene	ND	0.050	ug/L								
Acenaphthylene	ND	0.050	"								
Anthracene	ND	0.050	"								
Benzo(a)anthracene	ND	0.050	"								
Benzo(a)pyrene	ND	0.050	"								
Benzo(b)fluoranthene	ND	0.050	"								
Benzo(g,h,i)perylene	ND	0.050	"								
Benzo(k)fluoranthene	ND	0.050	"								
Chrysene	ND	0.050	"								
Dibenzo(a,h)anthracene	ND	0.050	"								
Fluoranthene	ND	0.050	"								
Fluorene	ND	0.050	"								
Indeno(1,2,3-cd)pyrene	ND	0.050	"								
Naphthalene	ND	0.050	"								
Phenanthrene	ND	0.050	"								
Pyrene	ND	0.050	"								
Surrogate: SURR: Nitrobenzene-d5	*27*		*"*	*25.0*		*109*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*18*		*"*	*25.0*		*71.3*	*39.9-105*				
Surrogate: SURR: Terphenyl-d14	*23*		*"*	*25.0*		*93.8*	*30.7-106*				
Blank (BK11323-BLK2)									Prepared & Analyzed: 11/08/2021		
Acenaphthene	ND	0.050	ug/L								
Acenaphthylene	ND	0.050	"								
Anthracene	ND	0.050	"								
Benzo(a)anthracene	ND	0.050	"								
Benzo(a)pyrene	ND	0.050	"								
Benzo(b)fluoranthene	ND	0.050	"								
Benzo(g,h,i)perylene	ND	0.050	"								
Benzo(k)fluoranthene	ND	0.050	"								
Chrysene	ND	0.050	"								
Dibenzo(a,h)anthracene	ND	0.050	"								
Fluoranthene	ND	0.050	"								
Fluorene	0.28	0.050	"								
Indeno(1,2,3-cd)pyrene	ND	0.050	"								
Naphthalene	ND	0.050	"								
Phenanthrene	ND	0.050	"								
Pyrene	ND	0.050	"								
Surrogate: SURR: Nitrobenzene-d5	*0.0*		*"*	*25.0*			*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.0*		*"*	*25.0*			*39.9-105*				
Surrogate: SURR: Terphenyl-d14	*0.0*		*"*	*25.0*			*30.7-106*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK11323 - EPA 3510C											
LCS (BK11323-BS1)								Prepared & Analyzed: 11/08/2021			
Acenaphthene	16	0.050	ug/L	25.0		63.9	24-114				
Acenaphthylene	17	0.050	"	25.0		66.6	26-112				
Anthracene	16	0.050	"	25.0		66.0	35-114				
Benzo(a)anthracene	17	0.050	"	25.0		68.6	38-127				
Benzo(a)pyrene	16	0.050	"	25.0		65.8	30-146				
Benzo(b)fluoranthene	17	0.050	"	25.0		68.2	36-145				
Benzo(g,h,i)perylene	16	0.050	"	25.0		62.5	10-163				
Benzo(k)fluoranthene	17	0.050	"	25.0		67.4	16-149				
Chrysene	16	0.050	"	25.0		64.3	33-120				
Dibenzo(a,h)anthracene	17	0.050	"	25.0		67.4	10-149				
Fluoranthene	17	0.050	"	25.0		66.3	33-126				
Fluorene	12	0.050	"	25.0		46.1	28-117				
Indeno(1,2,3-cd)pyrene	16	0.050	"	25.0		63.0	10-150				
Naphthalene	15	0.050	"	25.0		59.3	30-99				
Phenanthrene	16	0.050	"	25.0		63.3	31-112				
Pyrene	15	0.050	"	25.0		61.6	42-125				
Surrogate: SURR: Nitrobenzene-d5	*20*		*"*	*25.0*		*78.0*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*15*		*"*	*25.0*		*60.0*	*39.9-105*				
Surrogate: SURR: Terphenyl-d14	*17*		*"*	*25.0*		*66.4*	*30.7-106*				
LCS (BK11323-BS2)								Prepared & Analyzed: 11/08/2021			
Acenaphthene	0.72	0.050	ug/L	1.00		72.0	24-114				
Acenaphthylene	0.78	0.050	"	1.00		78.0	26-112				
Anthracene	0.79	0.050	"	1.00		79.0	35-114				
Benzo(a)anthracene	0.89	0.050	"	1.00		89.0	38-127				
Benzo(a)pyrene	0.81	0.050	"	1.00		81.0	30-146				
Benzo(b)fluoranthene	0.89	0.050	"	1.00		89.0	36-145				
Benzo(g,h,i)perylene	0.47	0.050	"	1.00		47.0	10-163				
Benzo(k)fluoranthene	0.86	0.050	"	1.00		86.0	16-149				
Chrysene	0.86	0.050	"	1.00		86.0	33-120				
Dibenzo(a,h)anthracene	0.54	0.050	"	1.00		54.0	10-149				
Fluoranthene	0.92	0.050	"	1.00		92.0	33-126				
Fluorene	0.82	0.050	"	1.00		82.0	28-117				
Indeno(1,2,3-cd)pyrene	0.52	0.050	"	1.00		52.0	10-150				
Naphthalene	0.79	0.050	"	1.00		79.0	30-99				
Phenanthrene	0.83	0.050	"	1.00		83.0	31-112				
Pyrene	0.84	0.050	"	1.00		84.0	42-125				
Surrogate: SURR: Nitrobenzene-d5	*0.0*		*"*	*25.0*			*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.0*		*"*	*25.0*			*39.9-105*				
Surrogate: SURR: Terphenyl-d14	*0.0*		*"*	*25.0*			*30.7-106*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK11323 - EPA 3510C											
Matrix Spike (BK11323-MS1)	*Source sample: 21K0094-04 (Matrix Spike)								Prepared: 11/08/2021 Analyzed: 11/09/2021		
Acenaphthene	19	0.054	ug/L	27.0	ND	68.6	17-132				
Acenaphthylene	19	0.054	"	27.0	ND	69.8	13-124				
Anthracene	21	0.054	"	27.0	ND	76.8	40-105				
Benzo(a)anthracene	22	0.054	"	27.0	ND	80.1	23-141				
Benzo(a)pyrene	22	0.054	"	27.0	ND	80.9	46-118				
Benzo(b)fluoranthene	22	0.054	"	27.0	ND	79.7	22-133				
Benzo(g,h,i)perylene	20	0.054	"	27.0	ND	74.7	10-126				
Benzo(k)fluoranthene	20	0.054	"	27.0	ND	75.3	18-152				
Chrysene	21	0.054	"	27.0	ND	76.1	30-127				
Dibenzo(a,h)anthracene	21	0.054	"	27.0	ND	79.2	10-131				
Fluoranthene	18	0.054	"	27.0	ND	68.0	29-123				
Fluorene	29	0.054	"	27.0	ND	106	20-133				
Indeno(1,2,3-cd)pyrene	20	0.054	"	27.0	ND	72.4	10-130				
Naphthalene	19	0.054	"	27.0	ND	69.4	26-104				
Phenanthrene	20	0.054	"	27.0	ND	74.0	29-121				
Pyrene	21	0.054	"	27.0	ND	78.0	34-129				
Surrogate: SURR: Nitrobenzene-d5	*25*		*"*	*27.0*		*91.6*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*21*		*"*	*27.0*		*78.0*	*39.9-105*				
Surrogate: SURR: Terphenyl-d14	*20*		*"*	*27.0*		*75.7*	*30.7-106*				
Matrix Spike Dup (BK11323-MSD1)	*Source sample: 21K0094-04 (Matrix Spike Dup)								Prepared: 11/08/2021 Analyzed: 11/09/2021		
Acenaphthene	20	0.054	ug/L	27.0	ND	72.3	17-132		5.28	20	
Acenaphthylene	20	0.054	"	27.0	ND	73.8	13-124		5.68	20	
Anthracene	20	0.054	"	27.0	ND	75.5	40-105		1.63	20	
Benzo(a)anthracene	22	0.054	"	27.0	ND	82.1	23-141		2.42	20	
Benzo(a)pyrene	26	0.054	"	27.0	ND	97.8	46-118		18.8	20	
Benzo(b)fluoranthene	25	0.054	"	27.0	ND	94.3	22-133		16.8	20	
Benzo(g,h,i)perylene	20	0.054	"	27.0	ND	75.7	10-126		1.38	20	
Benzo(k)fluoranthene	24	0.054	"	27.0	ND	90.0	18-152		17.8	20	
Chrysene	23	0.054	"	27.0	ND	83.5	30-127		9.28	20	
Dibenzo(a,h)anthracene	21	0.054	"	27.0	ND	78.9	10-131		0.354	20	
Fluoranthene	20	0.054	"	27.0	ND	73.6	29-123		7.80	20	
Fluorene	19	0.054	"	27.0	ND	70.2	20-133		40.3	20	Non-dir.
Indeno(1,2,3-cd)pyrene	20	0.054	"	27.0	ND	73.6	10-130		1.53	20	
Naphthalene	19	0.054	"	27.0	ND	70.4	26-104		1.49	20	
Phenanthrene	20	0.054	"	27.0	ND	74.0	29-121		0.0540	20	
Pyrene	21	0.054	"	27.0	ND	77.7	34-129		0.360	20	
Surrogate: SURR: Nitrobenzene-d5	*22*		*"*	*27.0*		*81.6*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*21*		*"*	*27.0*		*78.4*	*39.9-105*				
Surrogate: SURR: Terphenyl-d14	*21*		*"*	*27.0*		*78.5*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK11325 - EPA 3546 SVOA											
Blank (BK11325-BLK1)											Prepared: 11/08/2021 Analyzed: 11/09/2021
2-Methylphenol	ND	41.6	ug/kg wet								
3- & 4-Methylphenols	ND	41.6	"								
Acenaphthene	ND	0.042	mg/kg wet								
Acenaphthene	ND	41.6	ug/kg wet								
Acenaphthylene	ND	0.042	mg/kg wet								
Acenaphthylene	ND	41.6	ug/kg wet								
Anthracene	ND	0.042	mg/kg wet								
Anthracene	ND	41.6	ug/kg wet								
Benzo(a)anthracene	ND	0.042	mg/kg wet								
Benzo(a)anthracene	ND	41.6	ug/kg wet								
Benzo(a)pyrene	ND	0.042	mg/kg wet								
Benzo(a)pyrene	ND	41.6	ug/kg wet								
Benzo(b)fluoranthene	ND	0.042	mg/kg wet								
Benzo(b)fluoranthene	ND	41.6	ug/kg wet								
Benzo(g,h,i)perylene	ND	0.042	mg/kg wet								
Benzo(g,h,i)perylene	ND	41.6	ug/kg wet								
Benzo(k)fluoranthene	ND	0.042	mg/kg wet								
Benzo(k)fluoranthene	ND	41.6	ug/kg wet								
Chrysene	ND	0.042	mg/kg wet								
Chrysene	ND	41.6	ug/kg wet								
Dibenzo(a,h)anthracene	ND	0.042	mg/kg wet								
Dibenzo(a,h)anthracene	ND	41.6	ug/kg wet								
Dibenzofuran	ND	41.6	"								
Fluoranthene	ND	0.042	mg/kg wet								
Fluoranthene	ND	41.6	ug/kg wet								
Fluorene	ND	0.042	mg/kg wet								
Fluorene	ND	41.6	ug/kg wet								
Hexachlorobenzene	ND	41.6	"								
Indeno(1,2,3-cd)pyrene	ND	0.042	mg/kg wet								
Indeno(1,2,3-cd)pyrene	ND	41.6	ug/kg wet								
Naphthalene	ND	0.042	mg/kg wet								
Naphthalene	ND	41.6	ug/kg wet								
Pentachlorophenol	ND	41.6	"								
Phenanthrene	ND	0.042	mg/kg wet								
Phenanthrene	ND	41.6	ug/kg wet								
Phenol	ND	41.6	"								
Pyrene	ND	0.042	mg/kg wet								
Pyrene	ND	41.6	ug/kg wet								
Surrogate: SURR: 2-Fluorophenol	*1530*		*"*	*1660*		*92.3*	*20-108*				
Surrogate: SURR: Phenol-d5	*1430*		*"*	*1660*		*85.9*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*851*		*"*	*831*		*103*	*22-108*				
Surrogate: SURR: Nitrobenzene-d5	*0.85*		*mg/kg wet*	*0.831*		*103*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.61*		*"*	*0.831*		*73.0*	*21-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*607*		*ug/kg wet*	*831*		*73.0*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1850*		*"*	*1660*		*112*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*760*		*"*	*831*		*91.5*	*24-116*				
Surrogate: SURR: Terphenyl-d14	*0.76*		*mg/kg wet*	*0.831*		*91.5*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK11325 - EPA 3546 SVOA											
LCS (BK11325-BS1)											
Prepared: 11/08/2021 Analyzed: 11/09/2021											
2-Methylphenol	706	41.6	ug/kg wet	831		85.0	10-146				
3- & 4-Methylphenols	650	41.6	"	831		78.2	20-109				
Acenaphthene	657	41.6	"	831		79.1	17-124				
Acenaphthene	0.66	0.042	mg/kg wet	0.831		79.1	17-124				
Acenaphthylene	0.68	0.042	"	0.831		82.2	16-124				
Acenaphthylene	682	41.6	ug/kg wet	831		82.2	16-124				
Anthracene	685	41.6	"	831		82.5	24-124				
Anthracene	0.69	0.042	mg/kg wet	0.831		82.5	24-124				
Benzo(a)anthracene	648	41.6	ug/kg wet	831		78.0	25-134				
Benzo(a)anthracene	0.65	0.042	mg/kg wet	0.831		78.0	25-134				
Benzo(a)pyrene	702	41.6	ug/kg wet	831		84.6	29-144				
Benzo(a)pyrene	0.70	0.042	mg/kg wet	0.831		84.6	29-144				
Benzo(b)fluoranthene	649	41.6	ug/kg wet	831		78.2	20-151				
Benzo(b)fluoranthene	0.65	0.042	mg/kg wet	0.831		78.2	20-151				
Benzo(g,h,i)perylene	807	41.6	ug/kg wet	831		97.1	10-153				
Benzo(g,h,i)perylene	0.81	0.042	mg/kg wet	0.831		97.1	10-153				
Benzo(k)fluoranthene	633	41.6	ug/kg wet	831		76.2	10-148				
Benzo(k)fluoranthene	0.63	0.042	mg/kg wet	0.831		76.2	10-148				
Chrysene	620	41.6	ug/kg wet	831		74.6	24-116				
Chrysene	0.62	0.042	mg/kg wet	0.831		74.6	24-116				
Dibenzo(a,h)anthracene	851	41.6	ug/kg wet	831		102	17-147				
Dibenzo(a,h)anthracene	0.85	0.042	mg/kg wet	0.831		102	17-147				
Dibenzofuran	646	41.6	ug/kg wet	831		77.7	23-123				
Fluoranthene	633	41.6	"	831		76.2	36-125				
Fluoranthene	0.63	0.042	mg/kg wet	0.831		76.2	36-125				
Fluorene	646	41.6	ug/kg wet	831		77.7	16-130				
Fluorene	0.65	0.042	mg/kg wet	0.831		77.7	16-130				
Hexachlorobenzene	696	41.6	ug/kg wet	831		83.8	10-129				
Indeno(1,2,3-cd)pyrene	870	41.6	"	831		105	10-155				
Indeno(1,2,3-cd)pyrene	0.87	0.042	mg/kg wet	0.831		105	10-155				
Naphthalene	694	41.6	ug/kg wet	831		83.5	20-121				
Naphthalene	0.69	0.042	mg/kg wet	0.831		83.5	20-121				
Pentachlorophenol	1010	41.6	ug/kg wet	831		121	10-143				
Phenanthrene	642	41.6	"	831		77.3	24-123				
Phenanthrene	0.64	0.042	mg/kg wet	0.831		77.3	24-123				
Phenol	854	41.6	ug/kg wet	831		103	15-123				
Pyrene	672	41.6	"	831		80.9	24-132				
Pyrene	0.67	0.042	mg/kg wet	0.831		80.9	24-132				
Surrogate: SURR: 2-Fluorophenol	*1690*		*ug/kg wet*	*1660*		*102*	*20-108*				
Surrogate: SURR: Phenol-d5	*1630*		*"*	*1660*		*98.2*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*924*		*"*	*831*		*111*	*22-108*				
Surrogate: SURR: Nitrobenzene-d5	*0.92*		*mg/kg wet*	*0.831*		*111*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*737*		*ug/kg wet*	*831*		*88.7*	*21-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.74*		*mg/kg wet*	*0.831*		*88.7*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*2060*		*ug/kg wet*	*1660*		*124*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*719*		*"*	*831*		*86.6*	*24-116*				
Surrogate: SURR: Terphenyl-d14	*0.72*		*mg/kg wet*	*0.831*		*86.6*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK11325 - EPA 3546 SVOA											
Matrix Spike (BK11325-MS1)	*Source sample: 21K0266-01 (Matrix Spike)							Prepared: 11/08/2021 Analyzed: 11/09/2021			
2-Methylphenol	354	83.1	ug/kg wet	831	ND	42.6	10-160				
3- & 4-Methylphenols	325	83.1	"	831	ND	39.1	16-115				
Acenaphthene	425	83.1	"	831	ND	51.2	13-133				
Acenaphthene	0.43	0.083	mg/kg wet	0.831	ND	51.2	13-133				
Acenaphthylene	432	83.1	ug/kg wet	831	ND	52.0	25-125				
Acenaphthylene	0.43	0.083	mg/kg wet	0.831	ND	52.0	25-125				
Anthracene	407	83.1	ug/kg wet	831	ND	49.0	27-128				
Anthracene	0.41	0.083	mg/kg wet	0.831	ND	49.0	27-128				
Benzo(a)anthracene	435	83.1	ug/kg wet	831	ND	52.3	20-147				
Benzo(a)anthracene	0.43	0.083	mg/kg wet	0.831	ND	52.3	20-147				
Benzo(a)pyrene	427	83.1	ug/kg wet	831	ND	51.4	18-153				
Benzo(a)pyrene	0.43	0.083	mg/kg wet	0.831	ND	51.4	18-153				
Benzo(b)fluoranthene	427	83.1	ug/kg wet	831	ND	51.4	10-163				
Benzo(b)fluoranthene	0.43	0.083	mg/kg wet	0.831	ND	51.4	10-163				
Benzo(g,h,i)perylene	442	83.1	ug/kg wet	831	ND	53.2	10-157				
Benzo(g,h,i)perylene	0.44	0.083	mg/kg wet	0.831	ND	53.2	10-157				
Benzo(k)fluoranthene	397	83.1	ug/kg wet	831	ND	47.8	10-157				
Benzo(k)fluoranthene	0.40	0.083	mg/kg wet	0.831	ND	47.8	10-157				
Chrysene	421	83.1	ug/kg wet	831	42.5	45.6	18-133				
Chrysene	0.42	0.083	mg/kg wet	0.831	0.043	45.6	18-133				
Dibenzo(a,h)anthracene	437	83.1	ug/kg wet	831	ND	52.6	10-146				
Dibenzo(a,h)anthracene	0.44	0.083	mg/kg wet	0.831	ND	52.6	10-146				
Dibenzofuran	417	83.1	ug/kg wet	831	ND	50.2	26-134				
Fluoranthene	433	83.1	"	831	43.9	46.9	10-155				
Fluoranthene	0.43	0.083	mg/kg wet	0.831	0.044	46.9	10-155				
Fluorene	0.42	0.083	"	0.831	ND	50.6	12-150				
Fluorene	421	83.1	ug/kg wet	831	ND	50.6	12-150				
Hexachlorobenzene	424	83.1	"	831	ND	51.0	16-142				
Indeno(1,2,3-cd)pyrene	0.43	0.083	mg/kg wet	0.831	ND	51.9	10-155				
Indeno(1,2,3-cd)pyrene	431	83.1	ug/kg wet	831	ND	51.9	10-155				
Naphthalene	0.43	0.083	mg/kg wet	0.831	ND	52.0	15-132				
Naphthalene	432	83.1	ug/kg wet	831	ND	52.0	15-132				
Pentachlorophenol	210	83.1	"	831	ND	25.3	10-160				
Phenanthrene	413	83.1	"	831	ND	49.8	10-151				
Phenanthrene	0.41	0.083	mg/kg wet	0.831	ND	49.8	10-151				
Phenol	462	83.1	ug/kg wet	831	ND	55.7	11-124				
Pyrene	445	83.1	"	831	ND	53.6	13-148				
Pyrene	0.45	0.083	mg/kg wet	0.831	ND	53.6	13-148				
Surrogate: SURR: 2-Fluorophenol	*921*		*ug/kg wet*	*1660*		*55.4*	*20-108*				
Surrogate: SURR: Phenol-d5	*880*		*"*	*1660*		*53.0*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*563*		*"*	*831*		*67.8*	*22-108*				
Surrogate: SURR: Nitrobenzene-d5	*0.56*		*mg/kg wet*	*0.831*		*67.8*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*451*		*ug/kg wet*	*831*		*54.3*	*21-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.45*		*mg/kg wet*	*0.831*		*54.3*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1150*		*ug/kg wet*	*1660*		*69.1*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*447*		*"*	*831*		*53.8*	*24-116*				
Surrogate: SURR: Terphenyl-d14	*0.45*		*mg/kg wet*	*0.831*		*53.8*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BK11325 - EPA 3546 SVOA

Matrix Spike Dup (BK11325-MSD1) *Source sample: 21K0266-01 (Matrix Spike Dup) Prepared: 11/08/2021 Analyzed: 11/09/2021

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
2-Methylphenol	454	83.1	ug/kg wet	831	ND	54.6	10-160		24.7	30	
3- & 4-Methylphenols	384	83.1	"	831	ND	46.2	16-115		16.7	30	
Acenaphthene	464	83.1	"	831	ND	55.9	13-133		8.81	30	
Acenaphthene	0.46	0.083	mg/kg wet	0.831	ND	55.9	13-133		8.81	30	
Acenaphthylene	467	83.1	ug/kg wet	831	ND	56.2	25-125		7.83	30	
Acenaphthylene	0.47	0.083	mg/kg wet	0.831	ND	56.2	25-125		7.83	30	
Anthracene	478	83.1	ug/kg wet	831	ND	57.5	27-128		15.9	30	
Anthracene	0.48	0.083	mg/kg wet	0.831	ND	57.5	27-128		15.9	30	
Benzo(a)anthracene	484	83.1	ug/kg wet	831	ND	58.2	20-147		10.7	30	
Benzo(a)anthracene	0.48	0.083	mg/kg wet	0.831	ND	58.2	20-147		10.7	30	
Benzo(a)pyrene	459	83.1	ug/kg wet	831	ND	55.3	18-153		7.20	30	
Benzo(a)pyrene	0.46	0.083	mg/kg wet	0.831	ND	55.3	18-153		7.20	30	
Benzo(b)fluoranthene	456	83.1	ug/kg wet	831	ND	54.9	10-163		6.47	30	
Benzo(b)fluoranthene	0.46	0.083	mg/kg wet	0.831	ND	54.9	10-163		6.47	30	
Benzo(g,h,i)perylene	482	83.1	ug/kg wet	831	ND	58.0	10-157		8.63	30	
Benzo(g,h,i)perylene	0.48	0.083	mg/kg wet	0.831	ND	58.0	10-157		8.63	30	
Benzo(k)fluoranthene	441	83.1	ug/kg wet	831	ND	53.1	10-157		10.6	30	
Benzo(k)fluoranthene	0.44	0.083	mg/kg wet	0.831	ND	53.1	10-157		10.6	30	
Chrysene	472	83.1	ug/kg wet	831	42.5	51.7	18-133		11.3	30	
Chrysene	0.47	0.083	mg/kg wet	0.831	0.043	51.7	18-133		11.3	30	
Dibenzo(a,h)anthracene	513	83.1	ug/kg wet	831	ND	61.8	10-146		15.9	30	
Dibenzo(a,h)anthracene	0.51	0.083	mg/kg wet	0.831	ND	61.8	10-146		15.9	30	
Dibenzofuran	454	83.1	ug/kg wet	831	ND	54.7	26-134		8.70	30	
Fluoranthene	506	83.1	"	831	43.9	55.6	10-155		15.4	30	
Fluoranthene	0.51	0.083	mg/kg wet	0.831	0.044	55.6	10-155		15.4	30	
Fluorene	458	83.1	ug/kg wet	831	ND	55.1	12-150		8.47	30	
Fluorene	0.46	0.083	mg/kg wet	0.831	ND	55.1	12-150		8.47	30	
Hexachlorobenzene	497	83.1	ug/kg wet	831	ND	59.8	16-142		15.9	30	
Indeno(1,2,3-cd)pyrene	480	83.1	"	831	ND	57.8	10-155		10.8	30	
Indeno(1,2,3-cd)pyrene	0.48	0.083	mg/kg wet	0.831	ND	57.8	10-155		10.8	30	
Naphthalene	0.48	0.083	"	0.831	ND	57.4	15-132		9.94	30	
Naphthalene	477	83.1	ug/kg wet	831	ND	57.4	15-132		9.94	30	
Pentachlorophenol	393	83.1	"	831	ND	47.4	10-160		60.8	30	Non-dir.
Phenanthrene	0.48	0.083	mg/kg wet	0.831	ND	58.3	10-151		15.8	30	
Phenanthrene	484	83.1	ug/kg wet	831	ND	58.3	10-151		15.8	30	
Phenol	548	83.1	"	831	ND	66.0	11-124		17.0	30	
Pyrene	0.50	0.083	mg/kg wet	0.831	ND	60.2	13-148		11.7	30	
Pyrene	500	83.1	ug/kg wet	831	ND	60.2	13-148		11.7	30	
Surrogate: SURR: 2-Fluorophenol	*1080*		*"*	*1660*		*65.2*	*20-108*				
Surrogate: SURR: Phenol-d5	*1040*		*"*	*1660*		*62.8*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*609*		*"*	*831*		*73.3*	*22-108*				
Surrogate: SURR: Nitrobenzene-d5	*0.61*		*mg/kg wet*	*0.831*		*73.3*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*492*		*ug/kg wet*	*831*		*59.3*	*21-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.49*		*mg/kg wet*	*0.831*		*59.3*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1360*		*ug/kg wet*	*1660*		*81.9*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*499*		*"*	*831*		*60.1*	*24-116*				
Surrogate: SURR: Terphenyl-d14	*0.50*		*mg/kg wet*	*0.831*		*60.1*	*24-116*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK11261 - EPA 3015A											
Blank (BK11261-BLK1)										Prepared & Analyzed: 11/05/2021	
Arsenic	ND	0.017	mg/L								
Barium	ND	0.028	"								
Beryllium	ND	0.0006	"								
Cadmium	ND	0.003	"								
Chromium	ND	0.006	"								
Copper	ND	0.022	"								
Lead	ND	0.006	"								
Manganese	ND	0.006	"								
Nickel	ND	0.011	"								
Selenium	ND	0.028	"								
Silver	ND	0.006	"								
Zinc	ND	0.028	"								
LCS (BK11261-BS1)										Prepared & Analyzed: 11/05/2021	
Arsenic	1.89		ug/mL	2.00		94.4	80-120				
Barium	2.17		"	2.00		108	80-120				
Beryllium	0.050		"	0.0500		100	80-120				
Cadmium	0.050		"	0.0500		101	80-120				
Chromium	0.203		"	0.200		101	80-120				
Copper	0.262		"	0.250		105	80-120				
Lead	0.536		"	0.500		107	80-120				
Manganese	0.529		"	0.500		106	80-120				
Nickel	0.502		"	0.500		100	80-120				
Selenium	1.70		"	2.00		85.1	80-120				
Silver	0.047		"	0.0500		93.7	80-120				
Zinc	0.495		"	0.500		99.1	80-120				
Duplicate (BK11261-DUP1)	*Source sample: 21K0228-10 (WBG-SB05-GW)									Prepared & Analyzed: 11/05/2021	
Arsenic	ND	0.017	mg/L		ND					20	
Barium	ND	0.028	"		ND					20	
Beryllium	ND	0.0006	"		ND					20	
Cadmium	ND	0.003	"		ND					20	
Chromium	ND	0.006	"		ND					20	
Copper	ND	0.022	"		ND					20	
Lead	ND	0.006	"		ND					20	
Manganese	0.377	0.006	"		0.383				1.79	20	
Nickel	ND	0.011	"		ND					20	
Selenium	ND	0.028	"		ND					20	
Silver	ND	0.006	"		ND					20	
Zinc	ND	0.028	"		ND					20	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK11261 - EPA 3015A											
Matrix Spike (BK11261-MS1)	*Source sample: 21K0228-10 (WBG-SB05-GW)							Prepared & Analyzed: 11/05/2021			
Arsenic	2.28	0.017	mg/L	2.22	ND	103	75-125				
Barium	2.51	0.028	"	2.22	ND	113	75-125				
Beryllium	0.059	0.0006	"	0.0556	ND	106	75-125				
Cadmium	0.059	0.003	"	0.0556	ND	106	75-125				
Chromium	0.237	0.006	"	0.222	ND	107	75-125				
Copper	0.319	0.022	"	0.278	ND	115	75-125				
Lead	0.626	0.006	"	0.556	ND	113	75-125				
Manganese	0.997	0.006	"	0.556	0.383	110	75-125				
Nickel	0.602	0.011	"	0.556	ND	108	75-125				
Selenium	2.06	0.028	"	2.22	ND	92.7	75-125				
Silver	0.055	0.006	"	0.0556	ND	98.7	75-125				
Zinc	0.613	0.028	"	0.556	ND	110	75-125				
Post Spike (BK11261-PS1)	*Source sample: 21K0228-10 (WBG-SB05-GW)							Prepared & Analyzed: 11/05/2021			
Arsenic	2.02		ug/mL	2.00	-0.003	101	75-125				
Barium	2.20		"	2.00	0.015	109	75-125				
Beryllium	0.052		"	0.0500	-0.0004	104	75-125				
Cadmium	0.052		"	0.0500	-0.0003	104	75-125				
Chromium	0.208		"	0.200	0.002	103	75-125				
Copper	0.282		"	0.250	0.003	112	75-125				
Lead	0.554		"	0.500	-0.0002	111	75-125				
Manganese	0.873		"	0.500	0.345	106	75-125				
Nickel	0.529		"	0.500	-0.010	106	75-125				
Selenium	1.82		"	2.00	-0.0004	91.2	75-125				
Silver	0.044		"	0.0500	-0.005	87.7	75-125				
Zinc	0.540		"	0.500	0.009	106	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK11263 - EPA 3015A											
Blank (BK11263-BLK1)											Prepared: 11/05/2021 Analyzed: 11/09/2021
Arsenic - Dissolved	ND	0.017	mg/L								
Barium - Dissolved	ND	0.028	"								
Beryllium - Dissolved	ND	0.0006	"								
Cadmium - Dissolved	ND	0.003	"								
Chromium - Dissolved	ND	0.006	"								
Copper - Dissolved	ND	0.022	"								
Lead - Dissolved	ND	0.006	"								
Manganese - Dissolved	ND	0.006	"								
Nickel - Dissolved	ND	0.011	"								
Selenium - Dissolved	ND	0.028	"								
Silver - Dissolved	ND	0.006	"								
Zinc - Dissolved	ND	0.028	"								
LCS (BK11263-BS1)											Prepared: 11/05/2021 Analyzed: 11/09/2021
Arsenic - Dissolved	1.89		ug/mL	2.00		94.6	80-120				
Barium - Dissolved	2.22		"	2.00		111	80-120				
Beryllium - Dissolved	0.051		"	0.0500		102	80-120				
Cadmium - Dissolved	0.052		"	0.0500		103	80-120				
Chromium - Dissolved	0.211		"	0.200		106	80-120				
Copper - Dissolved	0.267		"	0.250		107	80-120				
Lead - Dissolved	0.544		"	0.500		109	80-120				
Manganese - Dissolved	0.541		"	0.500		108	80-120				
Nickel - Dissolved	0.523		"	0.500		105	80-120				
Selenium - Dissolved	1.70		"	2.00		85.1	80-120				
Silver - Dissolved	0.051		"	0.0500		103	80-120				
Zinc - Dissolved	0.509		"	0.500		102	80-120				
Duplicate (BK11263-DUP1)	*Source sample: 21K0228-10 (WBG-SB05-GW)										Prepared: 11/05/2021 Analyzed: 11/09/2021
Arsenic - Dissolved	ND	0.017	mg/L		ND					20	
Barium - Dissolved	ND	0.028	"		ND					20	
Beryllium - Dissolved	ND	0.0006	"		ND					20	
Cadmium - Dissolved	ND	0.003	"		ND					20	
Chromium - Dissolved	ND	0.006	"		ND					20	
Copper - Dissolved	ND	0.022	"		ND					20	
Lead - Dissolved	ND	0.006	"		ND					20	
Manganese - Dissolved	0.381	0.006	"		0.395				3.58	20	
Nickel - Dissolved	ND	0.011	"		ND					20	
Selenium - Dissolved	ND	0.028	"		ND					20	
Silver - Dissolved	ND	0.006	"		ND					20	
Zinc - Dissolved	ND	0.028	"		ND					20	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK11263 - EPA 3015A											
Matrix Spike (BK11263-MS1)	*Source sample: 21K0228-10 (WBG-SB05-GW)								Prepared: 11/05/2021 Analyzed: 11/09/2021		
Arsenic - Dissolved	2.14	0.017	mg/L	2.22	ND	96.4	75-125				
Barium - Dissolved	2.43	0.028	"	2.22	ND	110	75-125				
Beryllium - Dissolved	0.057	0.0006	"	0.0556	ND	103	75-125				
Cadmium - Dissolved	0.057	0.003	"	0.0556	ND	102	75-125				
Chromium - Dissolved	0.233	0.006	"	0.222	ND	105	75-125				
Copper - Dissolved	0.310	0.022	"	0.278	ND	112	75-125				
Lead - Dissolved	0.589	0.006	"	0.556	ND	106	75-125				
Manganese - Dissolved	0.976	0.006	"	0.556	0.395	105	75-125				
Nickel - Dissolved	0.585	0.011	"	0.556	ND	105	75-125				
Selenium - Dissolved	1.94	0.028	"	2.22	ND	87.2	75-125				
Silver - Dissolved	0.058	0.006	"	0.0556	ND	105	75-125				
Zinc - Dissolved	0.578	0.028	"	0.556	ND	104	75-125				
Post Spike (BK11263-PS1)	*Source sample: 21K0228-10 (WBG-SB05-GW)								Prepared: 11/05/2021 Analyzed: 11/09/2021		
Arsenic - Dissolved	1.97		ug/mL	2.00	-0.005	98.5	75-125				
Barium - Dissolved	2.20		"	2.00	0.015	109	75-125				
Beryllium - Dissolved	0.052		"	0.0500	-0.0003	104	75-125				
Cadmium - Dissolved	0.052		"	0.0500	-0.0004	104	75-125				
Chromium - Dissolved	0.211		"	0.200	0.003	104	75-125				
Copper - Dissolved	0.283		"	0.250	0.004	111	75-125				
Lead - Dissolved	0.542		"	0.500	0.00005	108	75-125				
Manganese - Dissolved	0.876		"	0.500	0.356	104	75-125				
Nickel - Dissolved	0.537		"	0.500	-0.012	107	75-125				
Selenium - Dissolved	1.77		"	2.00	0.007	88.4	75-125				
Silver - Dissolved	0.047		"	0.0500	0.0001	94.6	75-125				
Zinc - Dissolved	0.531		"	0.500	0.0008	106	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK11400 - EPA 3050B											
Blank (BK11400-BLK1)									Prepared: 11/08/2021 Analyzed: 11/09/2021		
Arsenic	ND	1.50	mg/kg wet								
Barium	ND	2.50	"								
Beryllium	ND	0.050	"								
Cadmium	ND	0.300	"								
Chromium	ND	0.500	"								
Copper	ND	2.00	"								
Lead	ND	0.500	"								
Manganese	ND	0.500	"								
Nickel	ND	1.00	"								
Selenium	ND	2.50	"								
Silver	ND	0.500	"								
Zinc	ND	2.50	"								
Duplicate (BK11400-DUP1)	*Source sample: 21K0233-10 (Duplicate)								Prepared: 11/08/2021 Analyzed: 11/09/2021		
Arsenic	ND	1.86	mg/kg dry		1.93					35	
Barium	39.3	3.11	"		44.9				13.4	35	
Beryllium	ND	0.062	"		ND					35	
Cadmium	ND	0.373	"		ND					35	
Chromium	13.1	0.621	"		14.7				11.5	35	
Copper	3.76	2.49	"		4.52				18.4	35	
Lead	4.59	0.621	"		5.66				20.9	35	
Manganese	78.1	0.621	"		103				27.4	35	
Nickel	2.63	1.24	"		3.08				15.7	35	
Selenium	ND	3.11	"		ND					35	
Silver	ND	0.621	"		0.647					35	
Zinc	14.3	3.11	"		17.6				20.3	35	
Matrix Spike (BK11400-MS1)	*Source sample: 21K0233-10 (Matrix Spike)								Prepared: 11/08/2021 Analyzed: 11/09/2021		
Arsenic	238	1.86	mg/kg dry	249	1.93	95.1	75-125				
Barium	323	3.11	"	249	44.9	112	75-125				
Beryllium	5.08	0.062	"	6.21	ND	81.7	75-125				
Cadmium	6.62	0.373	"	6.21	ND	107	75-125				
Chromium	40.4	0.621	"	24.9	14.7	104	75-125				
Copper	40.1	2.49	"	31.1	4.52	114	75-125				
Lead	71.9	0.621	"	62.1	5.66	107	75-125				
Manganese	154	0.621	"	62.1	103	82.8	75-125				
Nickel	70.5	1.24	"	62.1	3.08	109	75-125				
Selenium	206	3.11	"	249	ND	82.8	75-125				
Silver	7.51	0.621	"	6.21	0.647	110	75-125				
Zinc	79.7	3.11	"	62.1	17.6	100	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK11400 - EPA 3050B											
Post Spike (BK11400-PS1)	*Source sample: 21K0233-10 (Post Spike)									Prepared: 11/08/2021 Analyzed: 11/09/2021	
Arsenic	2.00		ug/mL	2.00	0.015	99.3	75-125				
Barium	2.63		"	2.00	0.361	113	75-125				
Beryllium	0.041		"	0.0500	-0.011	81.4	75-125				
Cadmium	0.055		"	0.0500	0.002	107	75-125				
Chromium	0.331		"	0.200	0.118	107	75-125				
Copper	0.327		"	0.250	0.036	116	75-125				
Lead	0.595		"	0.500	0.046	110	75-125				
Manganese	1.33		"	0.500	0.827	101	75-125				
Nickel	0.570		"	0.500	0.025	109	75-125				
Selenium	1.73		"	2.00	-0.090	86.7	75-125				
Silver	0.055		"	0.0500	0.005	99.4	75-125				
Zinc	0.664		"	0.500	0.142	104	75-125				
Reference (BK11400-SRM1)										Prepared: 11/08/2021 Analyzed: 11/09/2021	
Arsenic	143	1.50	mg/kg wet	156		91.5	69.9-130.1				
Barium	237	2.50	"	239		99.1	74.9-124.7				
Beryllium	152	0.050	"	169		90.2	75.1-125.4				
Cadmium	123	0.300	"	137		89.9	75.2-124.8				
Chromium	145	0.500	"	154		94.2	70.1-129.9				
Copper	55.3	2.00	"	54.9		101	74.9-125				
Lead	117	0.500	"	130		90.3	71.8-128.5				
Manganese	260	0.500	"	269		96.8	74-126.4				
Nickel	52.3	1.00	"	53.9		97.1	69.9-129.9				
Selenium	124	2.50	"	167		74.4	67.7-132.3				
Silver	30.8	0.500	"	33.6		91.5	68.5-131.3				
Zinc	140	2.50	"	158		88.3	70.3-129.7				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK11312 - EPA SW846-7470A											
Blank (BK11312-BLK1)								Prepared & Analyzed: 11/05/2021			
Mercury	ND	0.0002	mg/L								
LCS (BK11312-BS1)								Prepared & Analyzed: 11/05/2021			
Mercury	0.0020351	0.0002	mg/L	0.00200		102	80-120				
LCS (BK11312-BS2)								Prepared & Analyzed: 11/05/2021			
Mercury	0.0021356	0.0002	mg/L	0.00200		107	80-120				
Batch BK11313 - EPA SW846-7470A											
Blank (BK11313-BLK1)								Prepared & Analyzed: 11/05/2021			
Mercury - Dissolved	ND	0.0002	mg/L								
LCS (BK11313-BS1)								Prepared & Analyzed: 11/05/2021			
Mercury - Dissolved	0.0022	0.0002	mg/L	0.00200		109	80-120				
LCS (BK11313-BS2)								Prepared & Analyzed: 11/05/2021			
Mercury - Dissolved	0.0021	0.0002	mg/L	0.00200		107	80-120				
Batch BK11520 - EPA 7473 soil											
Blank (BK11520-BLK1)								Prepared & Analyzed: 11/10/2021			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BK11520-DUP1)	*Source sample: 21K0208-01 (Duplicate)							Prepared & Analyzed: 11/10/2021			
Mercury	ND	0.0380	mg/kg dry		ND					35	

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK11520 - EPA 7473 soil											
Matrix Spike (BK11520-MS1)	*Source sample: 21K0208-01 (Matrix Spike)								Prepared & Analyzed: 11/10/2021		
Mercury	0.445		mg/kg	0.500	0.0160	85.8	75-125				
Reference (BK11520-SRM1)									Prepared & Analyzed: 11/10/2021		
Mercury	25.286		mg/kg	27.2		93.0	59.9-140.1				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK11513 - % Solids Prep											
Duplicate (BK11513-DUP1)	*Source sample: 21K0233-07 (Duplicate)								Prepared & Analyzed: 11/10/2021		
% Solids	90.6	0.100	%		90.3				0.243	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
21K0228-02	WBG-SB-01 (5.5-6.5')	40mL Vial with Stir Bar-Cool 4° C
21K0228-03	WBG-SB-02 (3.5-4.5')	40mL Vial with Stir Bar-Cool 4° C
21K0228-04	WBG-SB-03 (4-5')	40mL Vial with Stir Bar-Cool 4° C
21K0228-05	WBG-SB-04 (5-6')	40mL Vial with Stir Bar-Cool 4° C
21K0228-06	WBG-SB-05 (5-6')	40mL Vial with Stir Bar-Cool 4° C
21K0228-07	WBG-SB02-GW	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21K0228-08	WBG-SB03-GW	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21K0228-09	WBG-SB04-GW	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21K0228-10	WBG-SB05-GW	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.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
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-ICV2	The recovery for this element in the ICV was outside the 90-110% recovery criteria.
M-CRL	The RL check for this element recovered outside of control limits.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
EXT-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
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.

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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. 21K0228

Page 1 of 1

YOUR Information	Report To:	Invoice To:
Company: CHAZEN	Company: CHAZEN	Company: CHAZEN
Address:	Address:	Address:
Phone.:	Phone.:	Phone.:
Contact: ERIC ORLOWSKI	Contact: E. ORLOWSKI / A. ST. ROMAIN	Contact: ACCTS PAYABLE
E-mail:	E-mail:	E-mail:

YOUR Project Number: 42141.00 / TASK 400

YOUR Project Name: WARRENSBURG DPW

YOUR PO#: 09334

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.

ERIC ORLOWSKI

Samples Collected by: (print your name above and sign below)

Matrix Codes: S - soil / solid; GW - groundwater; DW - drinking water; WW - wastewater; O - Oil ⋮ Other

Samples From: New York ✓; New Jersey; Connecticut; Pennsylvania; Other

Report / EDD Type (circle selections): Summary Report; QA Report; (NY ASP A Package); NY ASP B Package; CT RCP; CT RCP DQA/DUE; NJDEP Reduced Deliverables; NJDKQP; (Standard Excel EDD); EQuIS (Standard); NYSDEC EQuIS; NJDEP SRP HazSite; Other:

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in) PART 375 / TOGS 1.1.1

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
WBG-SS-01 (0-2')	SO:I	11/3/2021 1240	PART 375 SVOCs	1x 8oz
WBG-SB-01 (5.5-6.5')	↓	0855	[redacted] CP-51 VOCs, CP-51 SVOCs	4x40mL, 1x 8oz
WBG-SB-02 (3.5-4.5')		0915	[redacted] PART 375 VOCs, CP-51 SVOCs, PART 375 METALS	1x 8oz, 1x 4oz, 4x40mL
WBG-SB-03 (4-5')		0945	PART 375 VOCs, CP-51 SVOCs, PART 375 METALS	↓
WBG-SB-04 (5-6')		1030	↓	
WBG-SB-05 (5-6')		1105		
WBG-SB02-GW	GW	1503	*	1x 1L, 2x250mL, 3x40mL
WBG-SB03-GW	↓	1544	*	↓
WBG-SB04-GW		1310	*	
WBG-SB05-GW		1152	*	

Comments:
* PLEASE ANALYZE GW SAMPLES FOR BOTH TOTAL AND DISSOLVED (FIELD-FILTERED) PART 375 METALS.

Preservation: (check all that apply)
HCl ✓ MeOH ✓ HNO3 ✓ H2SO4 ___ NaOH ___ ZnAc ___
Ascorbic Acid ___ Other: 4°C

Special Instruction
Field Filtered ✓
Lab to Filter ___

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
EJ Orlowski / CHAZEN	11/4/2021 0900	SECURE FRIDGE AT CHAZEN	11-4-21 13:15	Chris York	11-4-21 1509
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Chris York	11-4-21 13:15				
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by / Date/Time	Temp. Received at Lab
				KBloeman 11/4/21 1509	2.9 Degrees C