PHASE II ENVIRONMENTAL SITE ASSESSMENT

Daily Freeman
79 Hurley Avenue
Kingston, Ulster County, New York

NYSDEC Spill No 17-01624

December 11, 2017

DT CONSULTING SERVICES, INC.
1291 Old Post Road
Ulster Park, NY 12487
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December 11, 2017

Mr. Scott Dutton
Higginsville Station, LLC
Post Office Box 4121
Kingston, New York 12401

RE: PHASE II ENVIRONMENTAL SITE ASSESSMENT
Daily Freeman
79 Hurley Avenue
Kingston, Ulster County, New York

NYSDEC Spill No. 17-01624

Mr. Dutton:

Attached please find the Phase II Environmental Site Assessment (ESA) as generated for the above referenced Site. Based upon the findings of this investigation, DT Consulting Services, Inc. (DTCS) is recommending additional Site Investigative work to delineate the nature and extent of elevated sub-slab soil vapors identified during this ESA. If you should have any questions or require additional information please feel free to contact me at (845) 658-3484. DTCS thanks you for the opportunity to work with you on this project.

Sincerely,
DT CONSULTING SERVICES, INC.

Deborah J. Thompson
Deborah J. Thompson
Senior Geologist / Project Manager

Cc: P. Keller, Esq.

DT CONSULTING SERVICES, INC.

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DT CONSULTING SERVICES, INC.

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1.0 INTRODUCTION/SITE INFORMATION

DT Consulting Services, Inc. (DTCS) has been contracted by Higginsville Station, LLC to perform a Phase II Environmental Site Assessment (ESA) on the property known as The Daily Freeman, located at 79 Hurley Avenue, Kingston, Ulster County, New York (heretofore referenced as the Site or Subject Property). A Site location map and Site (base) plan (Figures 1 & 2) are included for your reference.

The regularly shaped +/- 2.9-acre property is improved with a single story, concrete block commercial structure. According to documentation reviewed, the structure has a gross floor area of approximately 23,918-ft² that is situated in the central portion of the Site. The building is currently occupied by The Daily Freeman which utilizes the Subject Property for commercial offices and warehouse space. An original portion of the building (western quadrant) has a basement level, while the warehouse portion (central and eastern quadrants) was built slab on grade. Although no newspaper production or printing operations are currently being performed on-Site (ceased in 2010), the warehouse portion of the building is currently leased to PCF, a newspaper distribution company. The Daily Freeman facility is also improved with asphalt parking areas, concrete walkways, green space and a freshwater pond located in the northern quadrant of the Site.

The Site is situated within a moderately developed commercial or mixed use area. Surrounding property uses include the Best Western Hotel and a fresh water pond to the north, single family residences and commercial office facilities to the south, a Super 8 Motel and office facilities are located east, while additional offices and a paved parking area exists to the west of the Site. The Subject Property is accessed from Hurley Avenue located to the South. Site topography is generally level and at grade with surrounding roadways. Reportedly, the City of Kingston provides potable water and sanitary sewer service to the Subject Property and surrounding parcels.

2.0 SITE BACKGROUND/PREVIOUS ENVIRONMENTAL REPORTING

Partner Assessment Corporation (Partner) of Eatontown, New Jersey performed a Phase I Environmental Assessment (ESA) on the Subject Property dated April 21, 2016 for the current property owner Twenty Lake Holdings. Based on the findings of Partner's Phase I ESA, the following issues of potential environmental concern and/or recognized environmental conditions (RECs) associated with the Subject Property were identified:

- Potential residual subsurface contamination issues associated with historic commercial Site use for printing operations including the generation of solvent wastes, utilization of hazardous substances, stored and/or generated on-Site beginning in the 1970s and continuing through 2010; and

- Potential residual subsurface contamination issues associated with historic petroleum bulk storage tank (PBS) operations, documented release cases reported to the New York State Department of Environmental Conservation (NYSDEC) and the absence of tank/spill closure documentation.

Partner returned to the Site on October 1, 2016 to investigate the aforementioned RECs by conducting a Phase II Subsurface Investigation. Their scope of work included:

1. A Geophysical Survey to identify the location of the former PBS tanks and associated features, evaluate the floor drain configuration and clearance of sampling locations for underground utilities; and

2. Advancement of eight soil borings for the purpose of soil and groundwater sampling and analysis.

At the completion of the investigation, Partner concluded in their Phase II Subsurface Investigative Report dated, October 14, 2016 that there was evidence of a release of petroleum hydrocarbons from the former PBS tanks on-Site. In addition, investigative activities also revealed the presence of hazardous materials from the former printing operations. While reviewing generated laboratory reporting for the Site, several soil and groundwater parameters were found to exceed NYSDEC published soil cleanup objectives (SCOs) and groundwater quality standards. Partner recommended additional Site investigative and delineation activities surrounding the former underground storage tanks (USTs) and printing areas.

Partner returned to the Site on May 12 and 15, 2017 to perform the delineation of previously detected subsurface contamination. Their scope of work included:

1. Advancement of seven soil borings for the purpose of soil and groundwater sampling and analysis; and

2. Performance of a limited Vapor Intrusion investigation including the installation of three sub-slab soil gas points.

At the completion of the investigation, Partner concluded in their Spill Closure Report dated, June 20, 2017 the exceedance of MTBE (a gasoline additive utilized in fuel from the 1979 – 2004) in groundwater within the historical tank grave area located in the northeastern quadrant of the Site. No other exceedances above residential or commercial SCOs were reported.

Although evidence of a release and contaminant concentrations above regulatory guidelines were detected in field and laboratory analysis during Partner's October 2016 investigation, the spill was not reported to the NYSDEC until May 17, 2017 generating case number 17-01624.

Partner recommended natural attenuation for the detected groundwater contamination and closure of the open NYSDEC Spill No. 17-01624. Furthermore, Partner noted that two additional groundwater monitoring wells were planned to be installed on-Site for annual monitoring until the contaminant concentrations had decreased to state standards. DTCS contacted the NYSDEC to discuss the open spill and proposed work to bring the spill towards closure. Based upon interviews with Ms. Michelle Tipple, it is DTCS understands that the Department has agreed to the installation of Oxygen Release Compound (ORC) socks into the impacted well(s) to enhance in situ aerobic bioremediation. No additional data has been provided by Partner regarding groundwater quality as of the date of this report.

3.0 INVESTIGATION OF THE INK TANK SUMP

3.1 Ink Tank Sump Sampling and Analysis

On September 22, 2017 DTCS and Partner were on-Site to sample the waste sludge which had accumulated in the ink tank sump from historical printing presses. The sump was measured to have the approximate dimension of 4.5' x 2' x 1.5' and contained 18" of waste. Waste documented in the sump consisted of a layer of solidified ink, underlain by a liquid matrix. Collected liquid and sludge material was placed into appropriate laboratory supplied glassware and packed in an iced cooler for transport to York Analytical Laboratories, Inc. (York) of Stratford, Connecticut. Samples submitted for laboratory testing were identified as follows:

York Laboratory Number: 17I0968

Sample No. 001 = Ink Sump (waste water)

York Laboratory Number: 17I0969

Sample No. 001 = Ink Sump (sludge)

Samples of the ink waste collected for analysis during this survey was analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs) and Priority Pollutant Metals EPA test methods 8260, 8270 B/N and 3015A/7473 respectively. A copy of the analytical reports has been placed in Attachment A for your review.

3.2 Ink Tank Sump Cleanout

To investigate the structure known as the ink tank sump, DTCS witnessed the cleanout as supervised by Partner on October 16, 2017. The ink tank sump is known to accept historical wastes from the printing operations conducted on-Site from the 1970s - 2010. Since the structural integrity and discharge of the sump was unknown, field work was first performed to remove the accumulated sludge and liquid matrices to so that an interior inspection could be performed. Partner retained Highland Industrial of Florida, New York to perform the cleanout. At the conclusion of the waste removal and the generation of two 55-gallon drums of accumulated waste, DTCS and Partner inspected the pit. A 4" interior drain was detected along the bottom of the pit and was plugged with waste sludge (see Figure 3 for photo documentation). At the conclusion of the inspection, DTCS and Partner agreed that additional investigative work would need to be performed to determine the ink tank sump discharge location.

3.3 Ink Tank Sump Investigation

On November 15, 2017, DTCS returned to the Daily Freeman facility to witness an attempt to gather additional data on the configuration of the feature known as the ink tank sump. Based upon visual inspections and interviews with facility personnel, all ink waste generated during printing operations and that waste from the slop sink was routed through 2" steel piping resting in the floor drain and discharged into the ink tank sump (see Figure 2 for schematic). To determine the final discharge location of the sump, Partner subcontracted with Roto Rooter of

Saugerties, New York to snake and camera the sump effluent via the 4" bottom drain. The first attempt to snake the discharge line failed as the accumulated waste sludge blocked the equipment from advancing past the pipe trap. The service technician then utilized the clean out for the sump located adjacent to the pit. After additional investigative procedures, the Roto Rooter technician was able to advance the snake +/- 80 feet into the discharge line and the video camera +/- 60 feet. Based upon the work performed, it was concluded that the ink tank sump discharge was oriented in a northerly direction, running along the interior wall, but the actual discharge location could not be determined (due to accumulated waste buildup limiting the advancement of inspection equipment) during the November 15, 2017 investigation.

4.0 PHASE II ESA FIELD ACTIVITIES

The performance of a Phase II ESA was recommended due to the identified RECs. The purpose of the investigation is to provide supplementary information on current subsurface conditions at the facility to determine if impacted materials are present (to the extent possible) due to historic Site use.

To complete a Phase II ESA, DTCS recommended that tasks associated with this effort should include performance of a Geophysical Survey (e.g., ground-penetrating radar) and a follow-up Subsurface Sampling Investigation. DTCS was subsequently retained by Higginsville Station, LLC to perform a due diligence, Phase II ESA to supply information on subsurface conditions at the facility prior to the potential purchase of the Subject Property. The investigation was concentrated in locations surrounding the historical printing operations and identified PBS so as to quantify subsurface conditions within the area(s) of study. To complete this task, DTCS's Scope of Work included:

- Contacting Dig Safely New York 811 (UFPO) to obtain subsurface utility mark-outs prior to performing the field sampling investigation;

- Performance of a Geophysical Survey utilizing a magnetometer, void detector and ground penetrating radar (GPR) equipment. The purpose of this survey was to obtain information on the ink waste disposal system, identify buried anomalies of potential concern (e.g., out-of-service tanks, buried drums), and to "clear" proposed soil sampling locations (i.e., identify underground utility infrastructure to ensure services were not impacted/damaged during the installation of soil borings);

- Provide quantitative data on targeted VOCs, SVOCs and heavy metals if detected within subsurface materials at the facility;

- Provide quantitative data on targeted VOCs within ambient area and subsurface soil gas within and located beneath the slab of the warehouse portion of the Site structure, respectively; and

- Prepare a Phase II ESA report summarizing the findings of the field investigation and/or to address any identified subsurface contamination.

The identified five boring (SB-1 - SB-5), three sub slab soil gas (SG-1 – SG-3) and two ambient air (AA-1 & AA-2) monitoring locations documented for the Site can be reviewed in Figure 2, attached.

4.1 Geophysical Survey/Private Underground Utility Mark-out

On November 17, 2017 DTCS and Underground Survey Corporation (USC) of Washingtonville, New York performed the Geophysical Survey utilizing a Noggin Ground Penetrating Radar (GPR) Cart system unit, ferromagnetic metal detectors and electro-magnetic/Radio Frequency Pipe/Cable Locators.

DTCS/USC conducted the Geophysical Investigation by scanning accessible portions of the property; concentrating in the areas surrounding the historical printing operations and former petroleum bulk storage areas. Upon completing the investigation of known Site artifacts, DTCS/USC cleared the five proposed soil boring and three proposed soil gas locations in preparation of performing the subsurface investigation.

Findings

1. **Warehouse Printing Operations**

DTCS and USC investigated the trenched piping associated with the transfer of ink from an aboveground storage tank to the historical printing presses along with an inspection of the ink tank sump. The 2" ID steel piping was located beneath a steel plate cover which originated from the former ink tank and transverses through the warehouse portion of the facility in an ultimate easterly direction. All of the ink transfer piping is resting in a concrete trench and is covered by steel or steel grated plating (see Figure 2 for configuration of the piping system). As documented during field investigative work, all ink waste generated during printing operations and that waste from the slop sink was routed through 2" steel piping resting in the floor drain and discharged into the ink tank sump (see Figure 2 for schematic).

Further assistance from Lowe's Plumbing and Heating was obtained to determine the discharge location of the ink tank sump. At the conclusion of the Site inspection, the ink tank sump was found to release into municipal sewer system.

2. **Historical Underground Petroleum Bulk Storage**

According to documents reviewed, historical PBS on-Site included the employment of four gasoline underground storage tanks (USTs). The tanks were

registered with the NYSDEC under Facility ID Number 3-411086 and were documented as follows:

Tank ID	Capacity	Tank Type	Installation Date	Closure Date
1	2,000	Steel	December 1974	Not recorded
2	1,000	Steel	October 1979	Not recorded
3	10,000	Steel	October 1979	May 1994
4	6,000	Fiberglass	June 1994	January 2012

As of the date of this report, all USTs appear to have been closed/removed. Other than abandoned subsurface conduits, no anomalies indicative of underground storage tanks were detected on the day of the survey.

3. Utility Clearance

To obtain quantitative data on subsurface conditions, DTCS and USC scanned and cleared a total of five soil boring locations and three soil gas monitoring points across the Site.

4.2 Soil Sampling Procedures

DTCS mobilized to the site with Core Down Drilling (drilling services contractor) of Pawling, New York on November 21, 2017 to perform the subsurface investigation. Employing a Geoprobe trac-mounted drill rig, soil samples were collected from five borehole locations continuously from grade to a maximum depth of twenty feet below grade surface or bgs (see Figure 2 for sampling locations). Each sample was obtained by advancing a forty-eight inch long, two inch outer diameter, stainless hollow spoon sampler equipped with a disposable acetate liner into undisturbed soils. To prevent the potential for cross-contamination, all sampling equipment was decontaminated between each soil boring location.

An on-site DTCS Geologist performed screening and classification immediately following collection of subsurface materials. The screening was conducted using a field calibrated MiniRae Photoionization Detector or PID. As most petroleum products contain volatile organic compounds, PID screening can indicate the presence of volatile organics in a soil sample. Additionally, soil samples were screened by visual and olfactory means for staining and/or unusual odors.

4.3 Subsurface Soil Characterization

As detected during this investigation, the lithology of overburden materials encountered at the facility can be characterized as mixed fill, underlain by sandy silt and silty clay. Refer to Attachment B for soil boring logs which detail subsurface materials encountered during this investigation. While performing this field survey, all soil cores were screened with a PID for VOCs upon removal from the subsurface. This screening was performed by placing the selected soil sample in a Ziploc® style freezer bag, sealing the bag, and after a short pause, yielding stabilized readings with a PID calibrated to 100 parts-per-million (ppm) isobutylene standard. The headspace screening yielded non-detectable responses within each soil core on the day of the survey.

Saturated soils (typically an indicator of groundwater) were documented at ten – sixteen feet bgs across the Site. To provide data on the local aquifer, three of the five soil borings were converted into temporary groundwater monitoring wells. Each temporary well was constructed of ten feet of one-inch 0.10-slot well screen and ten feet of solid riser casing. Prior to groundwater sampling, fluid levels in the monitoring wells were gauged using a sonic interface probe to determine the depth of free phase product (DTP) if any, depth to water (DTW) and depth to bottom (DTB) of each well. These measurements were recorded in a field log along with details of the sampling procedures. A summary of collected monitoring data is as follows:

MW ID	DTP (ft.)	DTW (ft.)	DTB (ft.)	Color	Appearance	Odor	Sheen
SB-1 GW	--	10.60	19.00	Lt brown	Cloudy/Clear	None	None
SB-2 GW	--	11.62	17.00	Lt brown	Cloudy	Slight	None
SB-4 GW	--	12.50	19.30	Lt brown	Cloudy/Clear	None	None

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4.4 Subsurface Sampling and Laboratory Analysis

During investigative procedures, samples were collected within that part of the soil horizon approximately one foot above and one foot below the detected groundwater table from soil boring SB-1 – SB-3 and SB-5. Alternatively, soil samples were collected near the surface within soil boring SB-4 due to its location adjacent to the slop sink or identified REC. All subsurface materials submitted for laboratory testing was identified as follows (note that soil collection depths within each borehole are documented in Attachment B):

York Laboratory Number: 17K0889

Sample No. 001 = Soil Boring SB-1
Sample No. 002 = Soil Boring SB-1/MW-1
Sample No. 003 = Soil Boring SB-2
Sample No. 004 = Soil Boring SB-2/MW-2
Sample No. 005 = Soil Boring SB-3
Sample No. 006 = Soil Boring SB-4
Sample No. 007 = Soil Boring SB-4/MW-3
Sample No. 008 = Soil Boring SB-5

All soil and groundwater samples collected during the investigation were packed on ice and prepared for transport to York upon collection. Each sample was analyzed for the full list of VOCs and the NYSDEC CP-51 targeted compound

list for SVOCs via EPA test methods 8260 and 8270 B/N, respectively. In addition to the above referenced analysis, targeted soil was also tested for heavy metals via EPA method 3015A/7473. The complete laboratory package may be found in Attachment C for your review.

4.5 Soil Gas Sampling

To compile more complete assessment of the subsurface environment, three soil gas samples were collected during the Phase II ESA field study (see Figure 2 for locations). Based upon the historical Site use as printing facility, three soil gas vapor probes were installed within the warehouse area of the Site structure for analysis. Soil vapor cores were extended as follows:

Soil Gas Sampling Number	Location/Depth Below Grade (in.)
Soil Gas SG-1	Adjacent to slop sink/22”
Soil Gas SG-2	Adjacent to former ink tank/34”
Soil Gas SG-3	Within sump pit/22”

The vapor implants were installed through the concrete slab with the employment of rotary hammer drill equipped with a ½” drill bit. Once the bit pierced through the slab (note that the observed thickness of the concrete slab varied from 20 – 30+ inches), a temporary soil gas implant equipped with ¼” polyethylene tubing was installed, the borehole was filled with filter sand and sealed off above ground surface using bentonite slurry and modeling clay to prevent surface air infiltration and allowed to stabilize. Following the recording of initial canister pressure, the sampling zone was purged of a minimum of three volumes of vapors through dedicated tubing to ensure representative sampling of subsurface conditions. Soil vapor sampling was collected for analysis employing a six liter SUMMA canister equipped with a laboratory-calibrated flow control device to facilitate the collection of the samples for a 2-hour sample duration time. During both purging and sampling, the flow rate was restricted to less than (<) 0.2 liters per minute and

connected directly to the dedicated tubing. Following sampling, the pressure of the SUMMA canister was recorded and the temporary well point backfilled with cement slurry. Note that due to the thickness of the concrete slab surrounding the ink tank sump (greater than 30”), the sub slab soil gas sample in this locale was obtained by penetrating a hole through the floor of the sump which bottomed at two feet bgs.

A sample log sheet was maintained summarizing sample identification, date and time of sample collection, sampling depth, identity of samplers, sampling methods and devices, soil vapor purge volumes, volume of the soil vapor extracted, vacuum of canisters before and after the samples are collected, and chain of custody protocols.

4.6 Ambient Air Quality Sampling

Prior to the execution of this monitoring program, a pre-sampling inspection was performed prior to the collection of air samples to identify any condition that may affect or interfere with the proposed testing. For the indoor air test, a total of two, one six-liter Summa canisters with flow controllers were placed within each of the two sections of the warehouse which is separated by a wall (see Figure 2 for locations). Once positioned, the initial pressure was recorded and the canister valve opened for a 2-hour period to facilitate the collection of samples at a flow rate less than (<) 0.2 liters per minute. During the monitoring period, human activity or artificial air movement was limited to the extent possible. A sample log sheet was maintained summarizing sample identification, date and time of sample collection, identity of samplers, sampling methods and devices, vacuum of canisters before and after the samples are collected, and chain of custody protocols.

4.7 Soil Gas/Ambient Air Laboratory Analysis

Samples collected in Summa canisters were transported to York by a laboratory-provided courier and analyzed for VOCs via USEPA Method TO-15. Each sample submitted for laboratory testing was identified as follows:

York Laboratory Number: 17K0898

Sample No. 001 = Sub slab SS-1

Sample No. 002 = Sub slab SS-2

Sample No. 003 = Sub slab SS-3

Sample No. 004 = Ambient Air AA-1

Sample No. 005 = Ambient Air AA -2

The complete laboratory package may be found in Attachment D for your review.

5.0 FINDINGS

Based upon the field and laboratory results of this investigation, DTCS presents the following findings concerning subsurface soil, groundwater, soil gas and indoor air quality:

5.1 Ink Tank Sampling/Analysis

To characterize the waste found in the structure referenced as the ink tank sump, representative samples of the sludge and liquid matrices were collected and submitted for laboratory analysis. Based upon generated laboratory data, select VOCs, SVOCs and heavy metals were encountered within the waste sampled, see Table 1. Although the sump contents cannot specifically be compared to a regulatory standard as its contents were found discharge into the sanitary sewer and remaining residual waste recently drummed for off-Site disposal; laboratory reported compounds are consistent with those utilized in printing operations.

5.2 Subsurface Soil Quality

To provide data on current subsurface conditions, a total of five soil borings were advanced on the 79 Hurley Avenue, Kingston, New York property. Based upon analytical testing, DTCS concludes that all targeted soil parameters were returned with minimal to non-detectable concentrations for VOCs, SVOCs and heavy metals. Attached as Table 2 is a soil quality chart of laboratory documented compounds in comparison to their respective soil cleanup objectives (SCOs). All reported parameters were below their respective regulatory standard as defined in NYSDEC Part 375-6.8(a) Unrestricted Use SCOs, December 14, 2006.

5.3 Groundwater Quality

Analysis of three temporary site wells installed during this investigation revealed concentrations of laboratory detectable dissolved phase VOCs and SVOCs. Attached as Table 3 is a chart of Site monitoring well analytical reporting in comparison to the NYSDEC groundwater quality guidance values as described in Technical & Operations Guidance Series (TOGS) 1.1.1, June 1998. When compared to guidance, two VOCs, namely acetone and cis-1, 2-Dichlorothylene were found to exceed their respective regulatory standard.

5.4 Soil Vapor/Gas Quality

The results of soil vapor sampling indicate that thirty-seven VOCs are present within the three soil gas samples collected on-Site. A summary table of data for all chemical analytical work is included in Table 4. The major on-Site vapor concentrations range from 0.26 microgram per cubic meter (µg/m³) to 29,000 µg/m³ in soil gas samples SG-1 - SG-3. VOCs including Methylene Chloride, Tetrachloroethylene (PCE) and Trichloroethylene (TCE) reported within soil gas samples SS-2 and SS-3 at concentrations above New York State Department of

Health (NYSDOH) Final Guidance on Soil Vapor Intrusion, October 2006 (see Figure 3). Based upon NYSDOH matrix comparisons, the reported concentrations result in an action to mitigate; see Table 5.

Note that due to equipment malfunction, DTCS could not perform a helium test as a quality assurance/quality control measure to ensure that the sub slab sampling points were properly sealed. As an alternate, indoor air or ambient air quality samples were obtained adjacent to the sub slab monitoring points and compared to probable concentrations based upon the Environmental Protection Agency (EPA) Vapor Intrusion Screening Level or VISL calculator. For example, soil gas SG-3 had a recorded PCE vapor concentration of 29,000 ug/m^3. Based upon the VISL calculator the predicted indoor air concentration in a commercial scenario is 870 ug/m^3. Since the recorded PCE indoor ambient air concentration adjacent to the SG-3 was reported at 0.8 ug/m^3, it is obvious that the sub slab seal was sufficient and not an influenced to or affected by indoor air.

5.5 Ambient Indoor Air Quality

To quantify indoor air quality, DTCS placed two six-liter Summa canisters with flow controllers within the two warehouse sections of the Site structure (see Figure 2 for locations). The results of soil vapor sampling indicate that twenty-six VOCs were present within samples collected on-Site. A summary table of data for all chemical analytical work is included in Table 3. The major on-Site indoor air concentrations range from 0.3 µg/m^3 to 360 µg/m^3 in indoor air samples denoted as AA-1 and AA-2. When compared to NYSDOH Soil Vapor Decision Matrices, TCE, Methylene chloride and PCE were found to exceed their respective standard and may require mitigation.

6.0 CONCLUSIONS

After completing the review of all available documentation as generated for the subject parcel, DTCS concludes that the Subject Facility has been utilized for printing operations from the 1970s – 2010 and for petroleum bulk storage from 1979 – 2012. The use of the Site for such activities has been identified as RECs. Printing operations appear to have caused isolated soil, groundwater as well as sub slab soil gas impacts within the warehouse portion of the Site structure. Based upon the Phase II Subsurface Investigation performed, there is evidence of a release of chlorinated solvents from the former printing operations. Said spill is likely the result of a compromised ink waste discharge system (i.e., drain, piping and/or sump accessory). Petroleum bulk storage tanks once utilized at the facility have also impacted groundwater within the north, northeastern portion of the Site. Although isolated, the NYSDEC has requested passive remediation and periodic monitoring prior to closing the open spill number 17-0624 generated for the Site.

7.0 RECOMMENDATIONS

Although select VOCs, SVOCs and metals were encountered within soil and groundwater, DTCS is not recommending any additional work beyond that currently being performed on-Site.

Based on a comparison of the soil vapor results to the NYSDOH Decision matrices, it is recommended that additional testing be performed to delineate the nature and extent of sub slab soil vapor contamination on Site.

On account of sub slab soil vapor concentrations and their exceedances when compared to state regulatory standards, DTCS also recommends that the identified contamination be reported to the NYSDEC as required under:

1. Article 12 of the Navigation Law;

2. Chemical Bulk Storage Act 6 NYCRR Part 597.4(b);

3. Federal Clean Water Act and parts of the Code of Federal Regulations; and

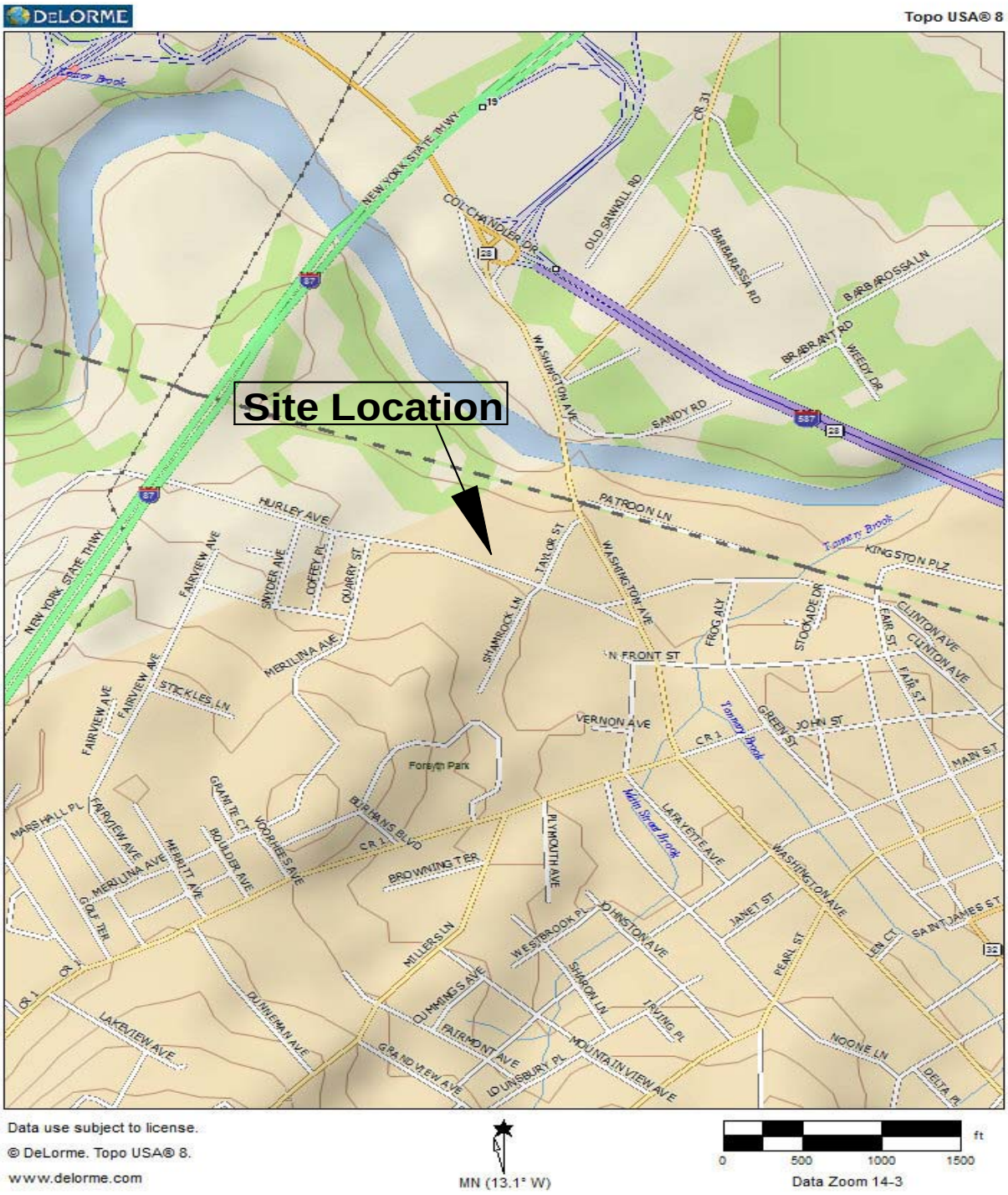
4. Requests from the Department on similar Sites.

As of the date of this report, representatives including counsel and consultants retained by Twin Lake Holdings have declined to report the spill.

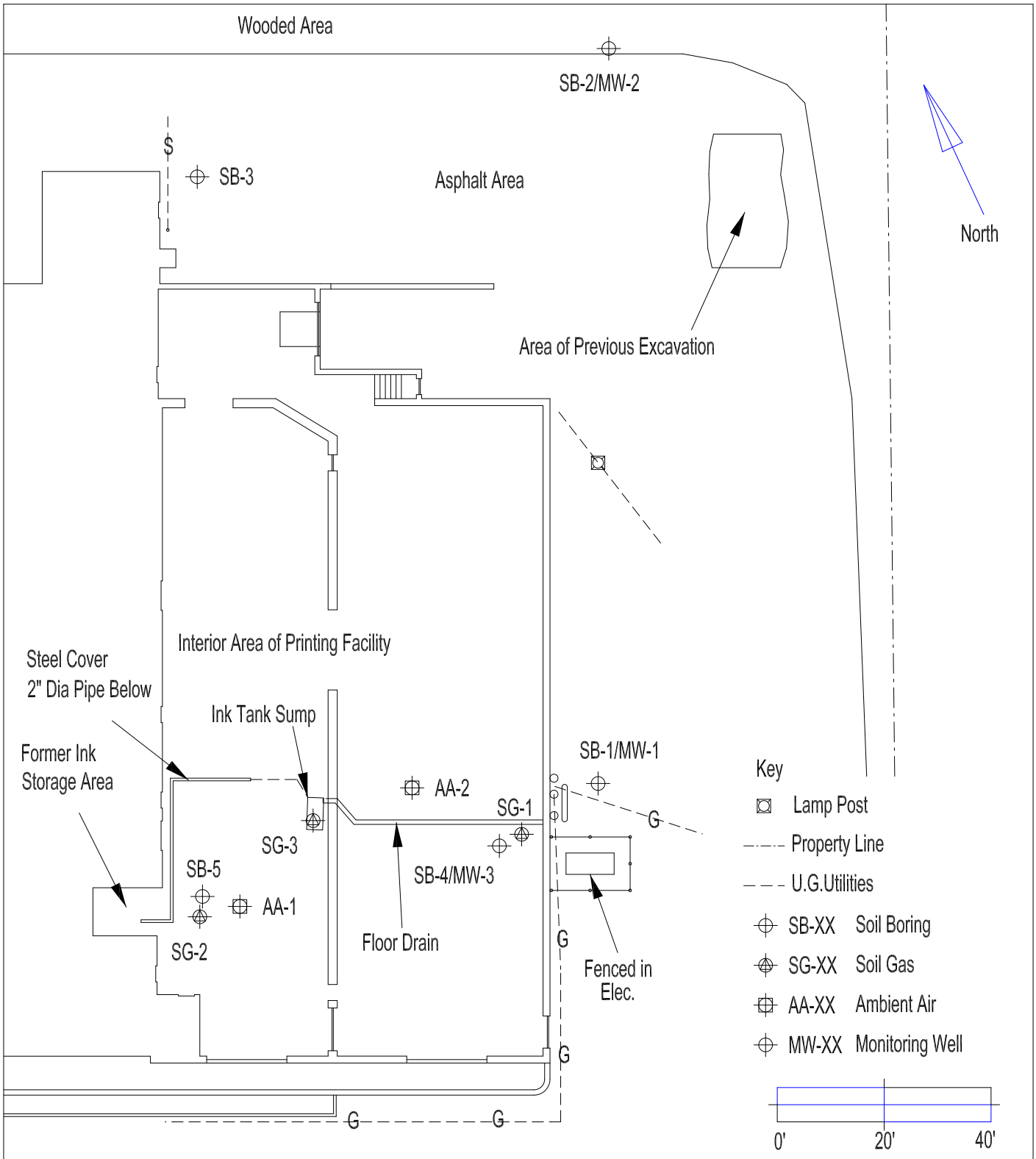
8.0 LIMITATIONS

DTCS has prepared this report using reasonable efforts in each phase of its work to determine the extent of subsurface contamination (if any) within the locations of potential environmental concern. This report is not definitive, and should not be assumed to be a complete or specific definition of all conditions above or below grade. The conclusions/recommendations set forth herein are applicable only to the facts and conditions described at the time of this report.

FIGURES



Client: Higginsville Station, LLC			**Site Location Plan**
Site: 79 Hurley Avenue, Kingston, New York			
Spill #: 17-01624	**Drawn by:** DJT	**Scale:** Graphic	**Figure No:** 1



DT Consulting Services, Inc.
1291 Old Post Road
Ulster Park, New York 12487
(845) 658-3484

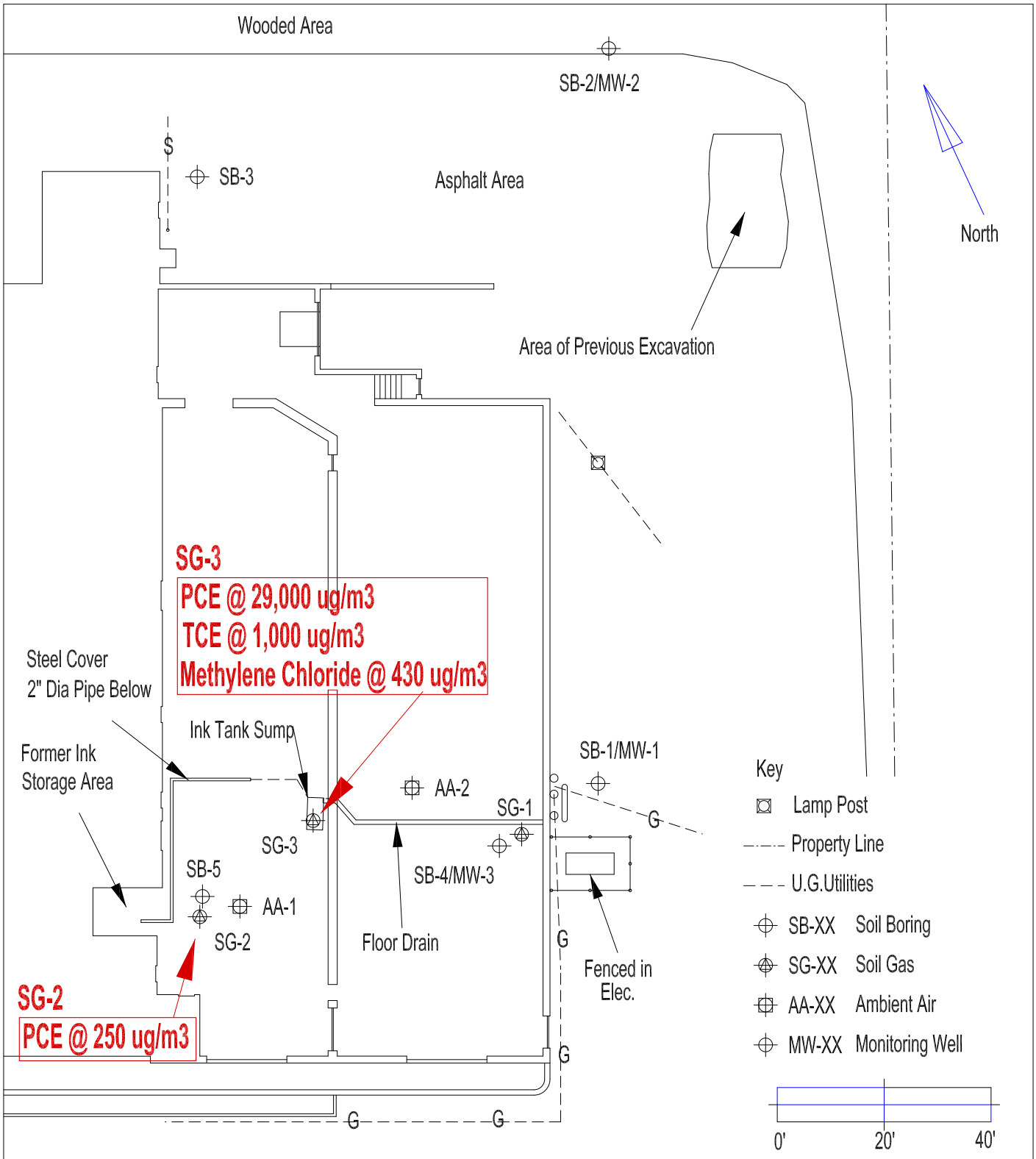
Client: Higginsville Station, LLC		
Location: 79 Hurley Avenue, Kingston, Ulster County, New York		
Title: Site (base) Map		Spill No: 17-01624
Scale: Graphic	Drawn By: O.T.	Fig.#: 2

Ink Tank Sump Initial

Ink Tank Sump Post Cleaning

DT Consulting Services, Inc.
1291 Old Post Road
Ulster Park, New York 12487
(845) 658-3484

Client: Higginsville Station, LLC		
Location: 79 Hurley Avenue, Kingston, Ulster County, New York		
Title: Ink Tank Sump Photo Documentation		Spill No: 17-01624
Scale: Graphic	Drawn By: O.T.	Fig.#: 3



DT Consulting Services, Inc. 1291 Old Post Road Ulster Park, New York 12487 (845) 658-3484	Client: Higginsville Station, LLC		
	Location: 79 Hurley Avenue, Kingston, Ulster County, New York		
	Title: Sub Slab Soil Vapor Detections		Spill No: 17-01624
	Scale: Graphic	Drawn By: O.T.	Fig.#: 4

TABLES

TABLE 1

Summary of Ink Tank Sump Liquid Phase Analysis vs. NYSDEC Guidance Values

Sampling Performed: September 22, 2017

Site:
Daily Freeman
79 Hurley Avenue
Kingston, Ulster County, New York

Client Name: Higginsville Station, LLC
Address: Post Office Box 4121
Kingston, New York 12401
Contact Name: Mr. Scott Dutton

NYSDEC Spill No. 17-01624

Consultant: DT Consulting Services, Inc.

Compound	Guidance Value (Effluent Discharge)		Ink Tank Sump Liquid Matrix Units	
VOCs	**ug/L**		**ug/L**	
1,3,5-Trimethylbenzene	5		**7.4**	
Acetone	50		32	
Carbon Disulfide	NS		0.3	
Chlorobenzene	5		0.52	
cis-1,2-Dichloroethylene	5		0.4	
Naphthalene	10		**150**	
n-Propylbenzene	5		2	
o-Xylene	5		1.2	
p-&m- Xylenes	5		1.2	
p-Isopropyltoluene	5		2	
Tetrachloroethene	5		0.68	
Toluene	5		0.54	
Trichloroethylene	5		1.1	
SVOCs	**ug/L**		**ug/L**	
Bis(2-ethylhexyl)phthalate	5		**40.5**	
Naphthalene	10		**55.8**	
PP Metals	**mg/L**		**mg/L**	
Antimony	0.003		**0.009**	
Chromium	0.05		0.013	
Copper	0.2		0.11	
Nickel	0.1		**0.223**	
Zinc	2		0.021	

Notes:

1. VOC/SVOC measurements recorded in micrograms per liter (ug/L). Metal analysis recorded in milligrams per liter or mg/L.
2. ND = Undetected (Detection limits may vary). NS = Not specified.
3. The presented guidance values were adopted from NYSDEC Division of Water TOGS 1.1.1, June 1998.
4. Only those compounds with laboratory detectable concentrations are presented in this Table.

TABLE 1

Summary of Ink Tank Sump Sludge Analysis

Sampling Performed: September 22, 2017

Site:
Daily Freeman
79 Hurley Avenue
Kingston, Ulster County, New York

Client Name: Higginsville Station, LLC
Address: Post Office Box 4121
Kingston, New York 12401
Contact Name: Mr. Scott Dutton

NYSDEC Spill No. 17-01624

Consultant: DT Consulting Services, Inc.

Compound		Ink Tank Sump Sludge Units	
VOCs		**ug/kg**	
1,2,4-Trimethylbenzene		31,000	
1,3,5-Trimethylbenzene		14,000	
Naphthalene		100,000	
n-Butylbenzene		53,000	
n-Propylbenzene		4,300	
p-Isopropyltoluene		9,600	
SVOCs		**ug/kg**	
2-Methylnaphthalene		9,460	
Bis(2-ethylhexyl)phthalate		1,190,000	
Naphthalene		132,000	
PP Metals		**mg/kg**	
Antimony		5.63	
Beryllium		0.315	
Chromium		11.4	
Copper		709	
Nickel		15.7	
Zinc		211	

Notes:

1. VOC/SVOC measurements recorded in micrograms per kilogram (ug/kg). Metal analysis recorded in milligrams per kilogram or mg/kg.
2. ND = Undetected (Detection limits may vary). NS = Not specified.
3. No applicable regulatory standard. Waste was containerized and awaits disposal.
4. Only those compounds with laboratory detectable concentrations are presented in this Table.

Table 2:

Summary of Soil Laboratory Analysis

Site: Daily Freeman
79 Hurley Avenue
Kingston, Ulster County, New York

Client: Higginsville Station, LLC
Post Office Box 4121
Kingston, New York 12401

NYSDEC SPILL NO. 17-01624

Sample Location			**SB-1**	**SB-2**	**SB-3**	**SB-4**	**SB-5**
Sample Number			**1**	**2**	**3**	**4**	**5**
Date Collected			11/21/2017	11/21/2017	11/21/2017	11/21/2017	11/21/2017
Matrix			Soil	Soil	Soil	Soil	Soil
Analytical Methods			8260/3050B/7473	8260/3050B/7473	8260/3050B/7473	8260/3050B/7473	8260/3050B/7473
Compound	**Soils Guidance[1]**	**Soils Guidance[1]**	**Sample Con**	**Sample Con**	**Sample Con**	**Sample Con**	**Sample Con**
VOCs							
2-Butanone	NS		4.5			7.4	4.6
Acetone	50		23	12	9.8	35	24
RCRA8							
Arsenic		16	6.31	5	6.41	3.53	5.61
Barium		400	47.9	37.7	53.3	75.9	55.7
Cadmium		4.3	ND	ND	ND	ND	ND
Chromium		110	14.4	11.9	17.8	22	15.7
Lead		400	16.4	12.1	14.7	14.5	14.9
Selenium		180	6.55	5.03	5.51	4.91	5.91
Silver		180	ND	ND	ND	ND	ND
Mercury		0.81	0.0408	ND	ND	ND	ND

Notes:

1. VOC soil results are recorded in micrograms-per-kilogram (µg/Kg) or ppb. RCRA8 metal soil results are recorded in milligrams-per-kilogram (mg/kg) or ppm.
2. ND = Undetected. NS = No standard.
3. Soil Guidance[1] was adopted from the NYSDEC 6 NYCRR Part 375-6.8(a) Unrestricted Use SCOs, December 14, 2006.
4. Only laboratory reported compounds are presented in this table. Note all SVOCs were returned with ND concentrations from the laboratory.

TABLE 3

Groundwater Volatile Organic Compound Analysis vs. NYSDEC Guidance Values

Sampling Performed: November 21, 2017 **Page 1 of 2**

Site:
Daily Freeman
79 Hurley Avenue
Kingston, Ulster County, New York

Client Name: Higginsville Station, LLC
Address: Post Office Box 4121
Kingston, New York 12401
Contact Name: Mr. Scott Dutton

NYSDEC Spill No. 17-01624

Consultant: DT Consulting Services, Inc.

Compound Units	Guidance Value ug/L		SB-1/MW-1 ug/L	SB-2/MW-2 ug/L	SB-4/MW-4 ug/L	
1,1,1-Trichloroethane	5		ND	ND	ND	
1,1,2,2-Tetrachloroethane	0.2		ND	ND	ND	
1,1,2-Trichloro-1,2,2-trifluoroethane	5		ND	ND	ND	
1,1,2-Trichloroethane	1		ND	ND	ND	
1,1-Dichloroethane	5		ND	ND	ND	
1,2,4-Trichlorobenzene	5		ND	ND	ND	
1,2,4-Trimethylbenzene	5		ND	ND	ND	
1,2-Dibromoethane	5		ND	ND	ND	
1,2-Dichlorobenzene	5		ND	ND	ND	
1,2-Dichloroethane	0.6		ND	ND	ND	
1,2-Dichloropropane	5		ND	ND	ND	
1,2-Dichlorotetrafluoroethane	NS		ND	ND	ND	
1,3,5-Trimethylbenzene	5		ND	1.2	ND	
1,3-Butadiene	NS		ND	ND	ND	
1,3-Dichlorobenzene	5		ND	ND	ND	
1,4-Dichlorobenzene	5		ND	ND	ND	
1,4-Dioxane	NS		ND	ND	ND	
2-Butanone	NS		ND	ND	ND	
2-Hexanone	50		ND	ND	ND	
4-Methyl-2-pentanone	NS		ND	ND	ND	
Acetone	50		1J	73	1.1J	
Benzene	1		ND	ND	ND	
Bromoform	50		ND	ND	ND	
Bromomethane	5		ND	ND	ND	
Carbon Disulfide	NS		ND	0.29J	ND	
Carbon Tetrachloride	5		ND	ND	ND	
Chlorobenzene	5		ND	ND	ND	
Chloroethane	5		ND	ND	ND	
Chloroform	7		ND	ND	ND	
Chloromethane	NS		ND	ND	ND	
cis-1,2-Dichloroethylene	5		ND	ND	6.3	
cis-1,3-Dichloropropylene	5		ND	ND	ND	
Cyclohexane	NS		ND	ND	ND	
Dibromochloromethane	5		ND	ND	ND	
Dichlorodifluoromethane	5		ND	ND	ND	
Ethyl acetate	NS		ND	ND	ND	
Ethyl Benzene	5		ND	ND	ND	
Hexachlorobutadiene	0.5		ND	ND	ND	
Isopropylbenzene	5		ND	ND	ND	
MTBE	10		ND	10	ND	
Methylene chloride	5		ND	ND	ND	
Naphthalene	10		ND	ND	ND	
n-Butylbenzene	5		ND	ND	ND	
n-Propylbenzene	5		ND	0.51	ND	
o-Xylene	5		ND	0.59	ND	
p-&m- Xylenes	5		0.6J	ND	ND	
p-Diethylbenzene	NS		ND	ND	ND	
p-Ethyltoluene	NS		ND	ND	ND	
sec-Butylbenzene	5		ND	ND	ND	
Styrene	5		ND	ND	ND	
tert-Butylbenzene	5		ND	ND	ND	
Tetrachloroethene	5		ND	ND	ND	
Toluene	5		0.24J	ND	0.34J	
trans-1,2-Dichloroethylene	5		ND	ND	1.3	
trans-1,3-Dichloropropylene	5		ND	ND	ND	
Trichloroethylene	5		ND	ND	0.42J	
Trichlorofluoromethane	5		ND	ND	ND	
Vinyl Chloride	2		ND	ND	ND	

Notes:

1. All measurements recorded in micrograms per liter (ug/L) or parts per billion (ppb).
2. Samples analyzed in accordance with EPA Test Method 8260.
3. ND = Undetected (Detection limits may vary). NS = Not specified.
4. J = Detected below reporting limit but greater than or equal to MDL; therefore, the result is an estimated concentration.
5. The presented guidance values were adopted from NYSDEC Division of Water TOGS 1.1.1, June 1998.

TABLE 3

Groundwater Semi-Volatile Organic Compound Analysis vs. NYSDEC Guidance Values

Sampling Performed: November 21, 2017 **Page 2 of 2**

Site:
Daily Freeman
79 Hurley Avenue
Kingston, Ulster County, New York

Client Name: Higginsville Station, LLC
Address: Post Office Box 4121
Kingston, New York 12401
Contact Name: Mr. Scott Dutton

NYSDEC Spill No. 17-01624

Consultant: DT Consulting Services, Inc.

Compound Units	**Guidance Value** (ug/L)		**SB-1/MW-1** ug/L	**SB-2/MW-2** ug/L	**SB-4/MW-4** ug/L	
Acenaphthlene	20		ND	ND	ND	
Acenaphthylene	NS		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	NS		ND	ND	ND	
Benzo(k)fluoranthene	0.002		ND	ND	ND	
Chrysene	0.002		ND	ND	ND	
Dibenzo(a,h)anthracene	NS		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	0.078	ND	
Phenanthrene	50		ND	ND	ND	
Pyrene	50		0.076	ND	ND	

Notes:

1. All measurements recorded in micrograms per liter (ug/L) or parts per billion (ppb).
2. Samples analyzed in accordance with EPA Test Method 8270 B/N; NYSDEC CP-51 compound list.
3. ND = Undetected (Detection limits may vary). NS = Not specified.
4. J = Detected below reporting limit but greater than or equal to MDL; therefore, the result is an estimated concentration.
5. The presented guidance values were adopted from NYSDEC Division of Water TOGS 1.1.1, June 1998.

TABLE 4:

SUMMARY OF TO-15 VOLATILE DETECTIONS IN AIR SUMMARY

Address: Daily Freeman, 79 Hurley Avenue, Kingston, New York
NYSDEC Spill Number: 17-01624

Client Name: Higginsville Station, LLC
Address: Post Office Box 4121
Kingston, New York 12401
Contact Name: Mr. Scott Dutton

Contractor: DT Consulting Services, Inc.
Laboratory: York Analytical Laboratories, Inc.
Stratford, CT 06615

Sample ID:	**NYSDOH Vapor Decision**	**Sub-slab SS-1**	**Sub-slab SS-2**	**Sub-slab SS-3**	**Ambient Air AA-1**	**Ambient Air AA-2**
Location:	**Matrices -**					
Depth (ft.):	**A, B, C**	Sub-slab	Sub-slab	Sub-slab	Ambient Air	Ambient Air
Date:		11/21/2017	11/21/2017	11/21/2017	11/21/2017	11/21/2017
Lab Sample ID:		17K0898-01	17K0898-02	17K0898-03	17K0898-04	17K0898-05
Units:	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³
Analysis: EPA Method TO-15 Volatiles in Air						
1,1,1-Trichloroethane	NS	14	25	12	ND	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	NS	0.57	ND	ND	ND	0.41
1,1,2-Trichloroethane	NS	ND	ND	65	ND	ND
1,2,4-Trichlorobenzene	NS	ND	ND	ND	0.47	ND
1,2,4-Trimethylbenzene	NS	18	49	2500	3.4	3.6
1,2-Dichlorobenzene	NS	0.48	ND	ND	ND	ND
1,3,5-Trimethylbenzene	NS	4.2	14	1500	1.5	1.3
1,3-Dichlorobenzene	NS	0.99	ND	ND	ND	ND
1,4-Dichlorobenzene	NS	0.45	ND	ND	ND	ND
2-Butanone	NS	1.7	ND	48	0.38	0.49
Acetone	NS	23	11	4300	4	4.7
Benzene	NS	5.9	8.8	32	0.73	0.83
Carbon Disulfide	NS	3.1	ND	6.6	ND	0.71
Carbon Tetrachloride	6	0.1	ND	ND	0.3	0.34
Chlorobenzene	NS	0.66	ND	ND	ND	ND
Chloroform	NS	ND	ND	33	ND	ND
Chloromethane	NS	0.26	ND	ND	0.84	0.8
Cyclohexane	NS	ND	9	18	0.48	0.59
Dibromochloromethane	NS	ND	ND	ND	ND	ND
Dichlorodifluoromethane	NS	13	870	1900	5.1	5.9
Ethyl acetate	NS	ND	ND	ND	ND	ND
Ethyl Benzene	NS	12	19	1600	1.4	1.6
Hexachlorobutadiene	NS	ND	ND	ND	0.68	ND
Isopropanol	NS	5	ND	210	0.41	0.51
Methylene chloride	100	1.5	ND	**430**	ND	0.94
n-Heptane	NS	0.9	ND	42	0.61	0.72
n-Hexane	NS	3.6	ND	56	1.1	2.3
o-Xylene	NS	14	24	1700	1.6	1.7
p-&m- Xylenes	NS	24	44	4700	4.6	5.2
p-Ethyltoluene	NS	15	4	3400	3.4	3.6
Propylene	NS	10	7.2	16	0.61	0.77
Styrene	NS	1.4	ND	ND	ND	ND
Tetrachloroethylene	100	1.3	**250**	**29000**	6.6	0.8
Tetrahydrofuran	NS	ND	ND	ND	ND	ND
Toluene	NS	50	89	ND	96	360
trans-1,2-Dichloroethylene	NS	ND	ND	94	ND	ND
Trichloroethylene	6	ND	ND	**1000**	0.2	ND
Trichlorofluoromethane	NS	1.7	ND	ND	0.78	0.96

Notes:

1. Soil vapor sample analytical results are compared to the values listed in Matrices A, B, and C of the New York State Department of Health (NYSDOH) Guidance for Evaluating Soil Vapor Intrusion in the State of New York. The criteria is the lowest soil vapor concentration at which monitoring to mitigation is recommended.
2. ND = Non-detect
3. NS = No Matrix Standard has been established for this compound.
4. Only compounds with detections are shown on this table.

Table 5:

New York State Department of Health Soil Vapor Decision Matrices **Page 1 of 1**

Site: Daily Freeman
79 Hurley Avenue
Kingston, Ulster County, New York

Client Name: Higginsville Station, LLC
Post Office Box 4121
Kingston, New York 12401
Contact: Mr. Scott Dutton

NYSDEC SPILL NO. 17-01624

MATRIX A - Trichloroethylene (TCE) = Sample Concentrations Sub Slab 1,000 mcg/m³/Indoor Air 0 - 0.2 mcg/m³

	Indoor Air Concentration of Compound (mcg/m³)		
Sub-Slab Vapor Concentration of Compound (mcg/m³	<0.2	0.2 to <1	1 and above
<6	**1. No further action**	**2. No further Action**	**3. Identify Source(s) and Resample or Mitigate**
6 to 60	**4. No further action**	**5. Monitor**	**6. Mitigate**
60 and above	**7. Mitigate**	**8. Mitigate**	**9. Mitigate**

MATRIX B - Methylene chloride = Sample Concentrations Sub Slab 430 mcg/m³/Indoor Air 0 - 0.94 mcg/m³

- Tetrachloroethylene (PCE) = Sample Concentrations Sub Slab 250 - 29,000 mcg/m³/Indoor Air 0.8 - 6.6 mcg/m³

	Indoor Air Concentration of Compound (mcg/m³)		
Sub-Slab Vapor Concentration of Compound (mcg/m³	<3	3 to <10	10 and above
<100	**1. No further action**	**2. No further Action**	**3. Identify Source(s) and Resample or Mitigate**
100 to 1,000	**4. No further action**	**5. Monitor**	**6. Mitigate**
1,000 and above	**7. Mitigate**	**8. Mitigate**	**9. Mitigate**

Notes:

1. Soil vapor sample analytical results are compared to the values listed in Matrices A, B, and C of the NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York.

ATTACHMENTS

DT CONSULTING SERVICES, INC.

ATTACHMENT A

Technical Report

prepared for:

DT Consulting Services
1291 Old Post Road
Ulster Park NY, 12487
Attention: Deborah Thompson

Report Date: 10/04/2017
Client Project ID: 79 Hurley Avenue Kingston, NY
York Project (SDG) No.: 17I0968

Report Date: 10/04/2017
Client Project ID: 79 Hurley Avenue Kingston, NY
York Project (SDG) No.: 17I0968

DT Consulting Services
1291 Old Post Road
Ulster Park NY, 12487
Attention: Deborah Thompson

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 September 25, 2017 and listed below. The project was identified as your project: **79 Hurley Avenue Kingston, NY**.

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
17I0968-01	Ink Sump	Waste Water	09/22/2017	09/25/2017

General Notes for York Project (SDG) No.: 17I0968

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: 10/04/2017

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: **Ink Sump** **York Sample ID:** **17I0968-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17I0968	79 Hurley Avenue Kingston, NY	Waste Water	September 22, 2017 3:00 pm	09/25/2017

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	10/04/2017 07:30	10/04/2017 11:50	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	10/04/2017 07:30	10/04/2017 11:50	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	10/04/2017 07:30	10/04/2017 11:50	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	10/04/2017 07:30	10/04/2017 11:50	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	10/04/2017 07:30	10/04/2017 11:50	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	10/04/2017 07:30	10/04/2017 11:50	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	10/04/2017 07:30	10/04/2017 11:50	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	10/04/2017 07:30	10/04/2017 11:50	SR
								Certifications:	NELAC-NY10854-CT,NJDEP,NELAC-NY10854-		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	10/04/2017 07:30	10/04/2017 11:50	SR
								Certifications:	NELAC-NY10854-CT,NJDEP,NELAC-NY10854-		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	10/04/2017 07:30	10/04/2017 11:50	SR
								Certifications:	NELAC-NY10854-CT,NJDEP,NELAC-NY10854-		
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	10/04/2017 07:30	10/04/2017 11:50	SR
								Certifications:			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	10/04/2017 07:30	10/04/2017 11:50	SR
								Certifications:	NELAC-NY10854-CT,NJDEP,NELAC-NY10854-		
95-63-6	**1,2,4-Trimethylbenzene**	**19**		ug/L	0.20	0.50	1	EPA 8260C	10/04/2017 07:30	10/04/2017 11:50	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	10/04/2017 07:30	10/04/2017 11:50	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	10/04/2017 07:30	10/04/2017 11:50	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	10/04/2017 07:30	10/04/2017 11:50	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	10/04/2017 07:30	10/04/2017 11:50	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	10/04/2017 07:30	10/04/2017 11:50	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
108-67-8	**1,3,5-Trimethylbenzene**	**7.4**		ug/L	0.20	0.50	1	EPA 8260C	10/04/2017 07:30	10/04/2017 11:50	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	10/04/2017 07:30	10/04/2017 11:50	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	10/04/2017 07:30	10/04/2017 11:50	SR
								Certifications:	NELAC-NY10854-CT,NJDEP,NELAC-NY10854-		

Sample Information

Client Sample ID: **Ink Sump** **York Sample ID:** **17I0968-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17I0968	79 Hurley Avenue Kingston, NY	Waste Water	September 22, 2017 3:00 pm	09/25/2017

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	10/04/2017 07:30	10/04/2017 11:50	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	10/04/2017 07:30	10/04/2017 11:50	SR
								Certifications:	NELAC-NY10854-CT,NJDEP,NELAC-NY10854-		
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C	10/04/2017 07:30	10/04/2017 11:50	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	10/04/2017 07:30	10/04/2017 11:50	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	10/04/2017 07:30	10/04/2017 11:50	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	10/04/2017 07:30	10/04/2017 11:50	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	10/04/2017 07:30	10/04/2017 11:50	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
67-64-1	**Acetone**	**32**		ug/L	1.0	2.0	1	EPA 8260C	10/04/2017 07:30	10/04/2017 11:50	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	10/04/2017 07:30	10/04/2017 11:50	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	10/04/2017 07:30	10/04/2017 11:50	SR
								Certifications:	NELAC-NY10854-CT,NJDEP,NELAC-NY10854-		
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	10/04/2017 07:30	10/04/2017 11:50	SR
								Certifications:	NELAC-NY10854-CT,NJDEP,NELAC-NY10854-		
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	10/04/2017 07:30	10/04/2017 11:50	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	10/04/2017 07:30	10/04/2017 11:50	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	10/04/2017 07:30	10/04/2017 11:50	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
75-15-0	**Carbon disulfide**	**0.30**	J	ug/L	0.20	0.50	1	EPA 8260C	10/04/2017 07:30	10/04/2017 11:50	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	10/04/2017 07:30	10/04/2017 11:50	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
108-90-7	**Chlorobenzene**	**0.52**		ug/L	0.20	0.50	1	EPA 8260C	10/04/2017 07:30	10/04/2017 11:50	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	10/04/2017 07:30	10/04/2017 11:50	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	10/04/2017 07:30	10/04/2017 11:50	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	10/04/2017 07:30	10/04/2017 11:50	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
156-59-2	**cis-1,2-Dichloroethylene**	**0.40**	J	ug/L	0.20	0.50	1	EPA 8260C	10/04/2017 07:30	10/04/2017 11:50	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	10/04/2017 07:30	10/04/2017 11:50	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		

Sample Information

Client Sample ID: **Ink Sump** **York Sample ID:** **17I0968-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17I0968	79 Hurley Avenue Kingston, NY	Waste Water	September 22, 2017 3:00 pm	09/25/2017

Volatile Organics, 8260 List - Low Level

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
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	10/04/2017 07:30	10/04/2017 11:50 CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N	SR
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	10/04/2017 07:30	10/04/2017 11:50 NELAC-NY10854-CT,NJDEP,NELAC-NY10854-	SR
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	10/04/2017 07:30	10/04/2017 11:50 NELAC-NY10854-CT,NJDEP,NELAC-NY10854-	SR
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	10/04/2017 07:30	10/04/2017 11:50 CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	10/04/2017 07:30	10/04/2017 11:50 NELAC-NY10854-CT,NJDEP,NELAC-NY10854-	SR
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	10/04/2017 07:30	10/04/2017 11:50 CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N	SR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	10/04/2017 07:30	10/04/2017 11:50 CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N	SR
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	10/04/2017 07:30	10/04/2017 11:50 CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N	SR
91-20-3	**Naphthalene**	**150**		ug/L	1.0	2.0	1	EPA 8260C Certifications:	10/04/2017 07:30	10/04/2017 11:50 NELAC-NY10854-CT,NJDEP,NELAC-NY10854-	SR
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	10/04/2017 07:30	10/04/2017 11:50 CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N	SR
103-65-1	**n-Propylbenzene**	**2.0**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	10/04/2017 07:30	10/04/2017 11:50 CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N	SR
95-47-6	**o-Xylene**	**1.2**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	10/04/2017 07:30	10/04/2017 11:50 CTDOH,NELAC-NY10854-CT,NELAC-NY1085	SR
179601-23-1	**p- & m- Xylenes**	**1.2**		ug/L	0.50	1.0	1	EPA 8260C Certifications:	10/04/2017 07:30	10/04/2017 11:50 CTDOH,NELAC-NY10854-CT,NELAC-NY1085	SR
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	10/04/2017 07:30	10/04/2017 11:50	SR
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	10/04/2017 07:30	10/04/2017 11:50	SR
99-87-6	**p-Isopropyltoluene**	**2.0**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	10/04/2017 07:30	10/04/2017 11:50 CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N	SR
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	10/04/2017 07:30	10/04/2017 11:50 CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N	SR
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	10/04/2017 07:30	10/04/2017 11:50 CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N	SR
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	10/04/2017 07:30	10/04/2017 11:50 CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N	SR
127-18-4	**Tetrachloroethylene**	**0.68**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	10/04/2017 07:30	10/04/2017 11:50 CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N	SR
108-88-3	**Toluene**	**0.54**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	10/04/2017 07:30	10/04/2017 11:50 CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N	SR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	10/04/2017 07:30	10/04/2017 11:50 CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N	SR

Sample Information

Client Sample ID: **Ink Sump** **York Sample ID:** **17I0968-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17I0968	79 Hurley Avenue Kingston, NY	Waste Water	September 22, 2017 3:00 pm	09/25/2017

Volatile Organics, 8260 List - Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	10/04/2017 07:30	10/04/2017 11:50	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
79-01-6	**Trichloroethylene**	**1.1**		ug/L	0.20	0.50	1	EPA 8260C	10/04/2017 07:30	10/04/2017 11:50	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	10/04/2017 07:30	10/04/2017 11:50	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	10/04/2017 07:30	10/04/2017 11:50	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
1330-20-7	**Xylenes, Total**	**2.4**		ug/L	0.60	1.5	1	EPA 8260C	10/04/2017 07:30	10/04/2017 11:50	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*86.5 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*103 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*98.0 %*	*79-122*

Semi-Volatiles, 8270 Target 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
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	25.6	51.3	10	EPA 8270D	09/27/2017 07:37	09/28/2017 15:29	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	25.6	51.3	10	EPA 8270D	09/27/2017 07:37	09/28/2017 15:29	KH
								Certifications:	NELAC-NY10854-CT,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	25.6	51.3	10	EPA 8270D	09/27/2017 07:37	09/28/2017 15:29	KH
								Certifications:	NELAC-NY10854-CT,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	25.6	51.3	10	EPA 8270D	09/27/2017 07:37	09/28/2017 15:29	KH
								Certifications:	NELAC-NY10854-CT,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	25.6	51.3	10	EPA 8270D	09/27/2017 07:37	09/28/2017 15:29	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	25.6	51.3	10	EPA 8270D	09/27/2017 07:37	09/28/2017 15:29	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		ug/L	25.6	51.3	10	EPA 8270D	09/27/2017 07:37	09/28/2017 15:29	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		ug/L	25.6	51.3	10	EPA 8270D	09/27/2017 07:37	09/28/2017 15:29	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		ug/L	25.6	51.3	10	EPA 8270D	09/27/2017 07:37	09/28/2017 15:29	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	25.6	51.3	10	EPA 8270D	09/27/2017 07:37	09/28/2017 15:29	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	25.6	51.3	10	EPA 8270D	09/27/2017 07:37	09/28/2017 15:29	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		

Sample Information

Client Sample ID: **Ink Sump** **York Sample ID:** **17I0968-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17I0968	79 Hurley Avenue Kingston, NY	Waste Water	September 22, 2017 3:00 pm	09/25/2017

Semi-Volatiles, 8270 Target 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
91-58-7	2-Chloronaphthalene	ND		ug/L	25.6	51.3	10	EPA 8270D	09/27/2017 07:37	09/28/2017 15:29	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		ug/L	25.6	51.3	10	EPA 8270D	09/27/2017 07:37	09/28/2017 15:29	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/L	25.6	51.3	10	EPA 8270D	09/27/2017 07:37	09/28/2017 15:29	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		ug/L	25.6	51.3	10	EPA 8270D	09/27/2017 07:37	09/28/2017 15:29	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		ug/L	25.6	51.3	10	EPA 8270D	09/27/2017 07:37	09/28/2017 15:29	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		ug/L	25.6	51.3	10	EPA 8270D	09/27/2017 07:37	09/28/2017 15:29	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	25.6	51.3	10	EPA 8270D	09/27/2017 07:37	09/28/2017 15:29	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	25.6	51.3	10	EPA 8270D	09/27/2017 07:37	09/28/2017 15:29	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/L	25.6	51.3	10	EPA 8270D	09/27/2017 07:37	09/28/2017 15:29	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	25.6	51.3	10	EPA 8270D	09/27/2017 07:37	09/28/2017 15:29	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	25.6	51.3	10	EPA 8270D	09/27/2017 07:37	09/28/2017 15:29	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	25.6	51.3	10	EPA 8270D	09/27/2017 07:37	09/28/2017 15:29	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/L	25.6	51.3	10	EPA 8270D	09/27/2017 07:37	09/28/2017 15:29	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	25.6	51.3	10	EPA 8270D	09/27/2017 07:37	09/28/2017 15:29	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		ug/L	25.6	51.3	10	EPA 8270D	09/27/2017 07:37	09/28/2017 15:29	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		ug/L	25.6	51.3	10	EPA 8270D	09/27/2017 07:37	09/28/2017 15:29	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		ug/L	25.6	51.3	10	EPA 8270D	09/27/2017 07:37	09/28/2017 15:29	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		ug/L	25.6	51.3	10	EPA 8270D	09/27/2017 07:37	09/28/2017 15:29	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/L	25.6	51.3	10	EPA 8270D	09/27/2017 07:37	09/28/2017 15:29	KH
								Certifications:	NELAC-NY10854-CT,NJDEP,PADEP		
120-12-7	Anthracene	ND		ug/L	25.6	51.3	10	EPA 8270D	09/27/2017 07:37	09/28/2017 15:29	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
56-55-3	Benzo(a)anthracene	ND		ug/L	25.6	51.3	10	EPA 8270D	09/27/2017 07:37	09/28/2017 15:29	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		

Sample Information

Client Sample ID: **Ink Sump** **York Sample ID:** **17I0968-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17I0968	79 Hurley Avenue Kingston, NY	Waste Water	September 22, 2017 3:00 pm	09/25/2017

Semi-Volatiles, 8270 Target 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
50-32-8	Benzo(a)pyrene	ND		ug/L	25.6	51.3	10	EPA 8270D	09/27/2017 07:37	09/28/2017 15:29	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	25.6	51.3	10	EPA 8270D	09/27/2017 07:37	09/28/2017 15:29	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	25.6	51.3	10	EPA 8270D	09/27/2017 07:37	09/28/2017 15:29	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	25.6	51.3	10	EPA 8270D	09/27/2017 07:37	09/28/2017 15:29	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/L	25.6	51.3	10	EPA 8270D	09/27/2017 07:37	09/28/2017 15:29	KH
								Certifications:	NELAC-NY10854-CT,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/L	25.6	51.3	10	EPA 8270D	09/27/2017 07:37	09/28/2017 15:29	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	25.6	51.3	10	EPA 8270D	09/27/2017 07:37	09/28/2017 15:29	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	25.6	51.3	10	EPA 8270D	09/27/2017 07:37	09/28/2017 15:29	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	25.6	51.3	10	EPA 8270D	09/27/2017 07:37	09/28/2017 15:29	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**40.5**	J	ug/L	25.6	51.3	10	EPA 8270D	09/27/2017 07:37	09/28/2017 15:29	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
218-01-9	Chrysene	ND		ug/L	25.6	51.3	10	EPA 8270D	09/27/2017 07:37	09/28/2017 15:29	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	25.6	51.3	10	EPA 8270D	09/27/2017 07:37	09/28/2017 15:29	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/L	25.6	51.3	10	EPA 8270D	09/27/2017 07:37	09/28/2017 15:29	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/L	25.6	51.3	10	EPA 8270D	09/27/2017 07:37	09/28/2017 15:29	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/L	25.6	51.3	10	EPA 8270D	09/27/2017 07:37	09/28/2017 15:29	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/L	25.6	51.3	10	EPA 8270D	09/27/2017 07:37	09/28/2017 15:29	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/L	25.6	51.3	10	EPA 8270D	09/27/2017 07:37	09/28/2017 15:29	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		ug/L	25.6	51.3	10	EPA 8270D	09/27/2017 07:37	09/28/2017 15:29	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
86-73-7	Fluorene	ND		ug/L	25.6	51.3	10	EPA 8270D	09/27/2017 07:37	09/28/2017 15:29	KH
								Certifications:	NELAC-NY10854-CT,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		ug/L	25.6	51.3	10	EPA 8270D	09/27/2017 07:37	09/28/2017 15:29	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	25.6	51.3	10	EPA 8270D	09/27/2017 07:37	09/28/2017 15:29	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		

Sample Information

Client Sample ID: **Ink Sump** **York Sample ID:** **17I0968-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17I0968	79 Hurley Avenue Kingston, NY	Waste Water	September 22, 2017 3:00 pm	09/25/2017

Semi-Volatiles, 8270 Target 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
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	25.6	51.3	10	EPA 8270D	09/27/2017 07:37	09/28/2017 15:29	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		ug/L	25.6	51.3	10	EPA 8270D	09/27/2017 07:37	09/28/2017 15:29	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	25.6	51.3	10	EPA 8270D	09/27/2017 07:37	09/28/2017 15:29	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/L	25.6	51.3	10	EPA 8270D	09/27/2017 07:37	09/28/2017 15:29	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
91-20-3	**Naphthalene**	**55.8**		ug/L	25.6	51.3	10	EPA 8270D	09/27/2017 07:37	09/28/2017 15:29	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		ug/L	25.6	51.3	10	EPA 8270D	09/27/2017 07:37	09/28/2017 15:29	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		ug/L	25.6	51.3	10	EPA 8270D	09/27/2017 07:37	09/28/2017 15:29	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	25.6	51.3	10	EPA 8270D	09/27/2017 07:37	09/28/2017 15:29	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	25.6	51.3	10	EPA 8270D	09/27/2017 07:37	09/28/2017 15:29	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		ug/L	25.6	51.3	10	EPA 8270D	09/27/2017 07:37	09/28/2017 15:29	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		ug/L	25.6	51.3	10	EPA 8270D	09/27/2017 07:37	09/28/2017 15:29	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
108-95-2	Phenol	ND		ug/L	25.6	51.3	10	EPA 8270D	09/27/2017 07:37	09/28/2017 15:29	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
129-00-0	Pyrene	ND		ug/L	25.6	51.3	10	EPA 8270D	09/27/2017 07:37	09/28/2017 15:29	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/L	25.6	51.3	10	EPA 8270D	09/27/2017 07:37	09/28/2017 15:29	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*26.5 %*	*12-64*
4165-62-2	*Surrogate: Phenol-d5*	*19.2 %*	*10-82*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*85.3 %*	*12-96*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*39.8 %*	*16-84*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*101 %*	*15-104*
1718-51-0	*Surrogate: Terphenyl-d14*	*41.7 %*	*15-106*

Metals, Priority Pollutant

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	**Antimony**	**0.009**		mg/L	0.006	1	EPA 6010C	09/29/2017 09:05	09/29/2017 18:02	KML
							Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		

Sample Information

Client Sample ID: **Ink Sump** **York Sample ID:** **17I0968-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17I0968	79 Hurley Avenue Kingston, NY	Waste Water	September 22, 2017 3:00 pm	09/25/2017

Metals, Priority Pollutant

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	0.004	1	EPA 6010C	09/29/2017 09:05	09/29/2017 18:02	KML
							Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/L	0.001	1	EPA 6010C	09/29/2017 09:05	09/29/2017 18:02	KML
							Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010C	09/29/2017 09:05	09/29/2017 18:02	KML
							Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
7440-47-3	**Chromium**	**0.013**		mg/L	0.006	1	EPA 6010C	09/29/2017 09:05	09/29/2017 18:02	KML
							Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
7440-50-8	**Copper**	**0.110**	B	mg/L	0.022	1	EPA 6010C	09/29/2017 09:05	09/29/2017 18:02	KML
							Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
7439-92-1	Lead	ND		mg/L	0.006	1	EPA 6010C	09/29/2017 09:05	09/29/2017 18:02	KML
							Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
7440-02-0	**Nickel**	**0.223**		mg/L	0.006	1	EPA 6010C	09/29/2017 09:05	09/29/2017 18:02	KML
							Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/L	0.011	1	EPA 6010C	09/29/2017 09:05	09/29/2017 18:02	KML
							Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010C	09/29/2017 09:05	09/29/2017 18:02	KML
							Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/L	0.006	1	EPA 6010C	09/29/2017 09:05	09/29/2017 18:02	KML
							Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
7440-66-6	**Zinc**	**0.021**		mg/L	0.017	1	EPA 6010C	09/29/2017 09:05	09/29/2017 18:02	KML
							Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

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	0.00020	1	EPA 7473	10/02/2017 09:34	10/02/2017 16:37	SY
							Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
17I0968-01	Ink Sump	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
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.

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615
132-02 89th Ave, Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 17I0968

Page 1 of 1

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: DT Consulting Services, Inc	Company: Same	Company: Same		RUSH - Next Day
Address:	Address:	Address:		RUSH - Two Day
Phone.:	Phone.:	Phone.:	YOUR Project Name: 79 Hurley Avenue Kingston, NY	RUSH - Three Day
Contact: Deborah Thompson	Contact:	Contact:		RUSH - Four Day
E-mail:	E-mail:	E-mail:		Standard (5-7 Day) X
			YOUR PO#:	

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.

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

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

Samples From
New York X
New Jersey
Connecticut
Pennsylvania
Other

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

YORK Reg. Comp.
Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
Ink Sump	WW	9/22/17	8260, 8270, PP Metals	(2) 40ml (1) 1L (1) 250pl

Comments:

Preservation: (check all that apply)
HCl ✓ MeOH ___ HNO_3 ✓ H_2SO_4 ___ NaOH ___ ZnAc ___
Ascorbic Acid ___ Other: ___

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
1 Deborah Thompson	9/25/17	Chris	9-25-17 10:45		
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by / Date/Time	Temp. Received at Lab
				MLH 9/25/17 1911	2.9 Degrees C

Technical Report

prepared for:

DT Consulting Services
1291 Old Post Road
Ulster Park NY, 12487
Attention: Deborah Thompson

Report Date: 10/03/2017
Client Project ID: 79 Hurley Avenue Kingston, NY
York Project (SDG) No.: 17I0969

Report Date: 10/03/2017
Client Project ID: 79 Hurley Avenue Kingston, NY
York Project (SDG) No.: 17I0969

DT Consulting Services
1291 Old Post Road
Ulster Park NY, 12487
Attention: Deborah Thompson

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 September 25, 2017 and listed below. The project was identified as your project: **79 Hurley Avenue Kingston, NY**.

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
17I0969-01	Ink Sump	Sludge	09/22/2017	09/25/2017

General Notes for York Project (SDG) No.: 17I0969

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: 10/03/2017

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: **Ink Sump** **York Sample ID:** **17I0969-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17I0969	79 Hurley Avenue Kingston, NY	Sludge	September 22, 2017 3:00 pm	09/25/2017

Volatile Organics, 8260 List

Log-in Notes: VOA-CONT **Sample Notes:** **VOA-CONT**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	1900	3800	500	EPA 8260C	09/30/2017 11:00	09/30/2017 21:26	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1900	3800	500	EPA 8260C	09/30/2017 11:00	09/30/2017 21:26	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1900	3800	500	EPA 8260C	09/30/2017 11:00	09/30/2017 21:26	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1900	3800	500	EPA 8260C	09/30/2017 11:00	09/30/2017 21:26	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1900	3800	500	EPA 8260C	09/30/2017 11:00	09/30/2017 21:26	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1900	3800	500	EPA 8260C	09/30/2017 11:00	09/30/2017 21:26	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1900	3800	500	EPA 8260C	09/30/2017 11:00	09/30/2017 21:26	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	1900	3800	500	EPA 8260C	09/30/2017 11:00	09/30/2017 21:26	SR
								Certifications:	NELAC-NY10854-CT,NJDEP,NELAC-NY10854-		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	1900	3800	500	EPA 8260C	09/30/2017 11:00	09/30/2017 21:26	SR
								Certifications:	NELAC-NY10854-CT,NJDEP,NELAC-NY10854-		
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	1900	3800	500	EPA 8260C	09/30/2017 11:00	09/30/2017 21:26	SR
								Certifications:	NELAC-NY10854-CT,NJDEP,NELAC-NY10854-		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1900	3800	500	EPA 8260C	09/30/2017 11:00	09/30/2017 21:26	SR
								Certifications:	NELAC-NY10854-CT,NJDEP,NELAC-NY10854-		
95-63-6	**1,2,4-Trimethylbenzene**	**31000**		ug/kg dry	1900	3800	500	EPA 8260C	09/30/2017 11:00	09/30/2017 21:26	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1900	3800	500	EPA 8260C	09/30/2017 11:00	09/30/2017 21:26	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1900	3800	500	EPA 8260C	09/30/2017 11:00	09/30/2017 21:26	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1900	3800	500	EPA 8260C	09/30/2017 11:00	09/30/2017 21:26	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1900	3800	500	EPA 8260C	09/30/2017 11:00	09/30/2017 21:26	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	1900	3800	500	EPA 8260C	09/30/2017 11:00	09/30/2017 21:26	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
108-67-8	**1,3,5-Trimethylbenzene**	**14000**		ug/kg dry	1900	3800	500	EPA 8260C	09/30/2017 11:00	09/30/2017 21:26	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1900	3800	500	EPA 8260C	09/30/2017 11:00	09/30/2017 21:26	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	1900	3800	500	EPA 8260C	09/30/2017 11:00	09/30/2017 21:26	SR
								Certifications:	NELAC-NY10854-CT,NJDEP,NELAC-NY10854-		
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1900	3800	500	EPA 8260C	09/30/2017 11:00	09/30/2017 21:26	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		

Sample Information

Client Sample ID: **Ink Sump** **York Sample ID:** **17I0969-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17I0969	79 Hurley Avenue Kingston, NY	Sludge	September 22, 2017 3:00 pm	09/25/2017

Volatile Organics, 8260 List

Log-in Notes: VOA-CONT

Sample Notes: **VOA-CONT**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg dry	38000	77000	500	EPA 8260C	09/30/2017 11:00	09/30/2017 21:26	SR
								Certifications:	NELAC-NY10854-CT,NJDEP,NELAC-NY10854-		
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	1900	3800	500	EPA 8260C	09/30/2017 11:00	09/30/2017 21:26	SR
								Certifications:	NELAC-NY10854-CT,NJDEP,NELAC-NY10854-		
78-93-3	2-Butanone	ND		ug/kg dry	1900	3800	500	EPA 8260C	09/30/2017 11:00	09/30/2017 21:26	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
95-49-8	2-Chlorotoluene	ND		ug/kg dry	1900	3800	500	EPA 8260C	09/30/2017 11:00	09/30/2017 21:26	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
106-43-4	4-Chlorotoluene	ND		ug/kg dry	1900	3800	500	EPA 8260C	09/30/2017 11:00	09/30/2017 21:26	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
67-64-1	Acetone	ND		ug/kg dry	3800	7700	500	EPA 8260C	09/30/2017 11:00	09/30/2017 21:26	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
71-43-2	Benzene	ND		ug/kg dry	1900	3800	500	EPA 8260C	09/30/2017 11:00	09/30/2017 21:26	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
108-86-1	Bromobenzene	ND		ug/kg dry	1900	3800	500	EPA 8260C	09/30/2017 11:00	09/30/2017 21:26	SR
								Certifications:	NELAC-NY10854-CT,NJDEP,NELAC-NY10854-		
74-97-5	Bromochloromethane	ND		ug/kg dry	1900	3800	500	EPA 8260C	09/30/2017 11:00	09/30/2017 21:26	SR
								Certifications:	NELAC-NY10854-CT,NJDEP,NELAC-NY10854-		
75-27-4	Bromodichloromethane	ND		ug/kg dry	1900	3800	500	EPA 8260C	09/30/2017 11:00	09/30/2017 21:26	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
75-25-2	Bromoform	ND		ug/kg dry	1900	3800	500	EPA 8260C	09/30/2017 11:00	09/30/2017 21:26	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
74-83-9	Bromomethane	ND		ug/kg dry	1900	3800	500	EPA 8260C	09/30/2017 11:00	09/30/2017 21:26	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1900	3800	500	EPA 8260C	09/30/2017 11:00	09/30/2017 21:26	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
108-90-7	Chlorobenzene	ND		ug/kg dry	1900	3800	500	EPA 8260C	09/30/2017 11:00	09/30/2017 21:26	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
75-00-3	Chloroethane	ND		ug/kg dry	1900	3800	500	EPA 8260C	09/30/2017 11:00	09/30/2017 21:26	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
67-66-3	Chloroform	ND		ug/kg dry	1900	3800	500	EPA 8260C	09/30/2017 11:00	09/30/2017 21:26	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
74-87-3	Chloromethane	ND		ug/kg dry	1900	3800	500	EPA 8260C	09/30/2017 11:00	09/30/2017 21:26	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1900	3800	500	EPA 8260C	09/30/2017 11:00	09/30/2017 21:26	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	1900	3800	500	EPA 8260C	09/30/2017 11:00	09/30/2017 21:26	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
124-48-1	Dibromochloromethane	ND		ug/kg dry	1900	3800	500	EPA 8260C	09/30/2017 11:00	09/30/2017 21:26	SR
								Certifications:	NELAC-NY10854-CT,NJDEP,NELAC-NY10854-		
74-95-3	Dibromomethane	ND		ug/kg dry	1900	3800	500	EPA 8260C	09/30/2017 11:00	09/30/2017 21:26	SR
								Certifications:	NELAC-NY10854-CT,NJDEP,NELAC-NY10854-		

Sample Information

Client Sample ID: **Ink Sump** **York Sample ID:** **17I0969-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17I0969	79 Hurley Avenue Kingston, NY	Sludge	September 22, 2017 3:00 pm	09/25/2017

Volatile Organics, 8260 List

Log-in Notes: VOA-CONT **Sample Notes:** **VOA-CONT**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1900	3800	500	EPA 8260C	09/30/2017 11:00	09/30/2017 21:26	SR
								Certifications:	NELAC-NY10854-CT,NJDEP,NELAC-NY10854-		
100-41-4	Ethyl Benzene	ND		ug/kg dry	1900	3800	500	EPA 8260C	09/30/2017 11:00	09/30/2017 21:26	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1900	3800	500	EPA 8260C	09/30/2017 11:00	09/30/2017 21:26	SR
								Certifications:	NELAC-NY10854-CT,NJDEP,NELAC-NY10854-		
98-82-8	Isopropylbenzene	ND		ug/kg dry	1900	3800	500	EPA 8260C	09/30/2017 11:00	09/30/2017 21:26	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1900	3800	500	EPA 8260C	09/30/2017 11:00	09/30/2017 21:26	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
75-09-2	Methylene chloride	ND		ug/kg dry	3800	7700	500	EPA 8260C	09/30/2017 11:00	09/30/2017 21:26	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
91-20-3	**Naphthalene**	**100000**	B	ug/kg dry	1900	7700	500	EPA 8260C	09/30/2017 11:00	09/30/2017 21:26	SR
								Certifications:	NELAC-NY10854-CT,NJDEP,NELAC-NY10854-		
104-51-8	**n-Butylbenzene**	**53000**		ug/kg dry	1900	3800	500	EPA 8260C	09/30/2017 11:00	09/30/2017 21:26	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
103-65-1	**n-Propylbenzene**	**4300**		ug/kg dry	1900	3800	500	EPA 8260C	09/30/2017 11:00	09/30/2017 21:26	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
95-47-6	o-Xylene	ND		ug/kg dry	1900	3800	500	EPA 8260C	09/30/2017 11:00	09/30/2017 21:26	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NELAC-NY10854		
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	3800	7700	500	EPA 8260C	09/30/2017 11:00	09/30/2017 21:26	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NELAC-NY10854		
99-87-6	**p-Isopropyltoluene**	**9600**		ug/kg dry	1900	3800	500	EPA 8260C	09/30/2017 11:00	09/30/2017 21:26	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1900	3800	500	EPA 8260C	09/30/2017 11:00	09/30/2017 21:26	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
100-42-5	Styrene	ND		ug/kg dry	1900	3800	500	EPA 8260C	09/30/2017 11:00	09/30/2017 21:26	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1900	3800	500	EPA 8260C	09/30/2017 11:00	09/30/2017 21:26	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1900	3800	500	EPA 8260C	09/30/2017 11:00	09/30/2017 21:26	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
108-88-3	Toluene	ND		ug/kg dry	1900	3800	500	EPA 8260C	09/30/2017 11:00	09/30/2017 21:26	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1900	3800	500	EPA 8260C	09/30/2017 11:00	09/30/2017 21:26	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1900	3800	500	EPA 8260C	09/30/2017 11:00	09/30/2017 21:26	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
79-01-6	Trichloroethylene	ND		ug/kg dry	1900	3800	500	EPA 8260C	09/30/2017 11:00	09/30/2017 21:26	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1900	3800	500	EPA 8260C	09/30/2017 11:00	09/30/2017 21:26	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
108-05-4	Vinyl acetate	ND		ug/kg dry	1900	3800	500	EPA 8260C	09/30/2017 11:00	09/30/2017 21:26	SR
								Certifications:	NELAC-NY10854-CT,NJDEP,NELAC-NY10854-		

Sample Information

Client Sample ID: **Ink Sump** **York Sample ID:** **17I0969-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17I0969	79 Hurley Avenue Kingston, NY	Sludge	September 22, 2017 3:00 pm	09/25/2017

Volatile Organics, 8260 List

Log-in Notes: VOA-CONT **Sample Notes:** **VOA-CONT**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/kg dry	1900	3800	500	EPA 8260C	09/30/2017 11:00	09/30/2017 21:26	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		
1330-20-7	Xylenes, Total	ND		ug/kg dry	5800	12000	500	EPA 8260C	09/30/2017 11:00	09/30/2017 21:26	SR
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*110 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*106 %*	*76-130*

Semi-Volatiles, 8270 Target List

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	4820	9620	10	EPA 8270D	09/29/2017 06:47	09/30/2017 02:03	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	4820	9620	10	EPA 8270D	09/29/2017 06:47	09/30/2017 02:03	KH
								Certifications:	NELAC-NY10854-CT,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	4820	9620	10	EPA 8270D	09/29/2017 06:47	09/30/2017 02:03	KH
								Certifications:	NELAC-NY10854-CT,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	4820	9620	10	EPA 8270D	09/29/2017 06:47	09/30/2017 02:03	KH
								Certifications:	NELAC-NY10854-CT,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	4820	9620	10	EPA 8270D	09/29/2017 06:47	09/30/2017 02:03	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	4820	9620	10	EPA 8270D	09/29/2017 06:47	09/30/2017 02:03	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	4820	9620	10	EPA 8270D	09/29/2017 06:47	09/30/2017 02:03	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	4820	9620	10	EPA 8270D	09/29/2017 06:47	09/30/2017 02:03	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	9620	19200	10	EPA 8270D	09/29/2017 06:47	09/30/2017 02:03	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	4820	9620	10	EPA 8270D	09/29/2017 06:47	09/30/2017 02:03	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	4820	9620	10	EPA 8270D	09/29/2017 06:47	09/30/2017 02:03	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	4820	9620	10	EPA 8270D	09/29/2017 06:47	09/30/2017 02:03	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		ug/kg dry	4820	9620	10	EPA 8270D	09/29/2017 06:47	09/30/2017 02:03	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
91-57-6	**2-Methylnaphthalene**	**9460**	J	ug/kg dry	4820	9620	10	EPA 8270D	09/29/2017 06:47	09/30/2017 02:03	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		

Sample Information

Client Sample ID: **Ink Sump** **York Sample ID:** **17I0969-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17I0969	79 Hurley Avenue Kingston, NY	Sludge	September 22, 2017 3:00 pm	09/25/2017

Semi-Volatiles, 8270 Target List

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/kg dry	4820	9620	10	EPA 8270D	09/29/2017 06:47	09/30/2017 02:03	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		ug/kg dry	9620	19200	10	EPA 8270D	09/29/2017 06:47	09/30/2017 02:03	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		ug/kg dry	4820	9620	10	EPA 8270D	09/29/2017 06:47	09/30/2017 02:03	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	4820	9620	10	EPA 8270D	09/29/2017 06:47	09/30/2017 02:03	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	4820	9620	10	EPA 8270D	09/29/2017 06:47	09/30/2017 02:03	KH
								Certifications:	NELAC-NY10854-CT,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/kg dry	9620	19200	10	EPA 8270D	09/29/2017 06:47	09/30/2017 02:03	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	9620	19200	10	EPA 8270D	09/29/2017 06:47	09/30/2017 02:03	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	4820	9620	10	EPA 8270D	09/29/2017 06:47	09/30/2017 02:03	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	4820	9620	10	EPA 8270D	09/29/2017 06:47	09/30/2017 02:03	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/kg dry	4820	9620	10	EPA 8270D	09/29/2017 06:47	09/30/2017 02:03	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	4820	9620	10	EPA 8270D	09/29/2017 06:47	09/30/2017 02:03	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		ug/kg dry	9620	19200	10	EPA 8270D	09/29/2017 06:47	09/30/2017 02:03	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		ug/kg dry	9620	19200	10	EPA 8270D	09/29/2017 06:47	09/30/2017 02:03	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		ug/kg dry	4820	9620	10	EPA 8270D	09/29/2017 06:47	09/30/2017 02:03	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		ug/kg dry	4820	9620	10	EPA 8270D	09/29/2017 06:47	09/30/2017 02:03	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/kg dry	19300	38500	10	EPA 8270D	09/29/2017 06:47	09/30/2017 02:03	KH
								Certifications:	NELAC-NY10854-CT,NJDEP,PADEP		
120-12-7	Anthracene	ND		ug/kg dry	4820	9620	10	EPA 8270D	09/29/2017 06:47	09/30/2017 02:03	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	4820	9620	10	EPA 8270D	09/29/2017 06:47	09/30/2017 02:03	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	4820	9620	10	EPA 8270D	09/29/2017 06:47	09/30/2017 02:03	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	4820	9620	10	EPA 8270D	09/29/2017 06:47	09/30/2017 02:03	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	4820	9620	10	EPA 8270D	09/29/2017 06:47	09/30/2017 02:03	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		

Sample Information

Client Sample ID: **Ink Sump** **York Sample ID:** **17I0969-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17I0969	79 Hurley Avenue Kingston, NY	Sludge	September 22, 2017 3:00 pm	09/25/2017

Semi-Volatiles, 8270 Target List

Log-in Notes: VOA-CON T **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	4820	9620	10	EPA 8270D	09/29/2017 06:47	09/30/2017 02:03	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/kg dry	4820	9620	10	EPA 8270D	09/29/2017 06:47	09/30/2017 02:03	KH
								Certifications:	NELAC-NY10854-CT,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	4820	9620	10	EPA 8270D	09/29/2017 06:47	09/30/2017 02:03	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	4820	9620	10	EPA 8270D	09/29/2017 06:47	09/30/2017 02:03	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	4820	9620	10	EPA 8270D	09/29/2017 06:47	09/30/2017 02:03	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	4820	9620	10	EPA 8270D	09/29/2017 06:47	09/30/2017 02:03	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**1190000**		ug/kg dry	48200	96200	100	EPA 8270D	09/29/2017 06:47	10/03/2017 14:52	OW
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
218-01-9	Chrysene	ND		ug/kg dry	4820	9620	10	EPA 8270D	09/29/2017 06:47	09/30/2017 02:03	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	4820	9620	10	EPA 8270D	09/29/2017 06:47	09/30/2017 02:03	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/kg dry	4820	9620	10	EPA 8270D	09/29/2017 06:47	09/30/2017 02:03	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/kg dry	4820	9620	10	EPA 8270D	09/29/2017 06:47	09/30/2017 02:03	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/kg dry	4820	9620	10	EPA 8270D	09/29/2017 06:47	09/30/2017 02:03	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	4820	9620	10	EPA 8270D	09/29/2017 06:47	09/30/2017 02:03	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	4820	9620	10	EPA 8270D	09/29/2017 06:47	09/30/2017 02:03	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		ug/kg dry	4820	9620	10	EPA 8270D	09/29/2017 06:47	09/30/2017 02:03	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
86-73-7	Fluorene	ND		ug/kg dry	4820	9620	10	EPA 8270D	09/29/2017 06:47	09/30/2017 02:03	KH
								Certifications:	NELAC-NY10854-CT,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		ug/kg dry	4820	9620	10	EPA 8270D	09/29/2017 06:47	09/30/2017 02:03	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	4820	9620	10	EPA 8270D	09/29/2017 06:47	09/30/2017 02:03	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	4820	9620	10	EPA 8270D	09/29/2017 06:47	09/30/2017 02:03	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		ug/kg dry	4820	9620	10	EPA 8270D	09/29/2017 06:47	09/30/2017 02:03	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	4820	9620	10	EPA 8270D	09/29/2017 06:47	09/30/2017 02:03	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		

Sample Information

Client Sample ID: **Ink Sump** **York Sample ID:** **17I0969-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17I0969	79 Hurley Avenue Kingston, NY	Sludge	September 22, 2017 3:00 pm	09/25/2017

Semi-Volatiles, 8270 Target List

Log-in Notes: VOA-CON T **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-59-1	Isophorone	ND		ug/kg dry	4820	9620	10	EPA 8270D	09/29/2017 06:47	09/30/2017 02:03	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
91-20-3	**Naphthalene**	**132000**		ug/kg dry	4820	9620	10	EPA 8270D	09/29/2017 06:47	09/30/2017 02:03	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		ug/kg dry	4820	9620	10	EPA 8270D	09/29/2017 06:47	09/30/2017 02:03	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	4820	9620	10	EPA 8270D	09/29/2017 06:47	09/30/2017 02:03	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	4820	9620	10	EPA 8270D	09/29/2017 06:47	09/30/2017 02:03	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	4820	9620	10	EPA 8270D	09/29/2017 06:47	09/30/2017 02:03	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		ug/kg dry	4820	9620	10	EPA 8270D	09/29/2017 06:47	09/30/2017 02:03	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		ug/kg dry	4820	9620	10	EPA 8270D	09/29/2017 06:47	09/30/2017 02:03	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
108-95-2	Phenol	ND		ug/kg dry	4820	9620	10	EPA 8270D	09/29/2017 06:47	09/30/2017 02:03	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
129-00-0	Pyrene	ND		ug/kg dry	4820	9620	10	EPA 8270D	09/29/2017 06:47	09/30/2017 02:03	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/kg dry	19300	38500	10	EPA 8270D	09/29/2017 06:47	09/30/2017 02:03	KH
								Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*43.2 %*		*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*58.3 %*		*23-114*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*1120 %*	S-08	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*61.8 %*		*21-113*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*64.9 %*		*19-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*53.7 %*		*24-116*

Metals, Priority Pollutant

Log-in Notes: VOA-CON T **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
7440-36-0	**Antimony**	**5.63**		mg/kg dry	0.769	1	EPA 6010C	09/29/2017 10:08	09/30/2017 02:55	KML
							Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/kg dry	1.54	1	EPA 6010C	09/29/2017 10:08	09/30/2017 02:55	KML
							Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
7440-41-7	**Beryllium**	**0.315**		mg/kg dry	0.154	1	EPA 6010C	09/29/2017 10:08	09/30/2017 02:55	KML
							Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.461	1	EPA 6010C	09/29/2017 10:08	09/30/2017 02:55	KML
							Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		

Sample Information

Client Sample ID: **Ink Sump** **York Sample ID:** **17I0969-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17I0969	79 Hurley Avenue Kingston, NY	Sludge	September 22, 2017 3:00 pm	09/25/2017

Metals, Priority Pollutant

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-47-3	**Chromium**	**11.4**		mg/kg dry	0.769	1	EPA 6010C	09/29/2017 10:08	09/30/2017 02:55	KML
							Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
7440-50-8	**Copper**	**709**	B	mg/kg dry	0.769	1	EPA 6010C	09/29/2017 10:08	09/30/2017 02:55	KML
							Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
7439-92-1	**Lead**	**15.2**		mg/kg dry	0.769	1	EPA 6010C	09/29/2017 10:08	09/30/2017 02:55	KML
							Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
7440-02-0	**Nickel**	**15.7**		mg/kg dry	0.769	1	EPA 6010C	09/29/2017 10:08	09/30/2017 02:55	KML
							Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	1.54	1	EPA 6010C	09/29/2017 10:08	09/30/2017 02:55	KML
							Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.769	1	EPA 6010C	09/29/2017 10:08	09/30/2017 02:55	KML
							Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	1.54	1	EPA 6010C	09/29/2017 10:08	09/30/2017 02:55	KML
							Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		
7440-66-6	**Zinc**	**211**		mg/kg dry	2.31	1	EPA 6010C	09/29/2017 10:08	09/30/2017 02:55	KML
							Certifications:	CTDOH,NELAC-NY10854-CT,NJDEP,PADEP		

Mercury by 7473

Log-in Notes: VOA-CONT **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	0.0461	1	EPA 7473	10/02/2017 09:31	10/02/2017 12:35	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854-CT,PADEP		

Total Solids

Log-in Notes: VOA-CONT **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**	**65.0**		%	0.100	1	SM 2540G	09/27/2017 11:06	09/27/2017 15:56	TJM
							Certifications:	CTDOH		

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
17I0969-01	Ink Sump	4 oz. WM Clear Glass Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

VOA-CONT	Non-Compliant - the container(s) provided by the client for soil volatiles do not meet the requirements of EPA SW846-5035A. Results reported below 200 ug/kg may be biased low due to samples not being collected according to EPA SW846 5035A requirements.
S-08	The recovery of this surrogate was outside of QC limits.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
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. 17I0969

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: DT Consulting Services, Inc.	Company: Same	Company: Same		RUSH - Next Day
Address:	Address:	Address:		RUSH - Two Day
Phone.:	Phone.:	Phone.:	YOUR Project Name: 79 Hurley Avenue Kingston, NY	RUSH - Three Day
Contact: Deborah Thompson	Contact:	Contact:		RUSH - Four Day
E-mail:	E-mail:	E-mail:	YOUR PO#:	Standard (5-7 Day) X

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Deborah Thompson

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

Deborah Thompson

Matrix Codes

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

Samples From

New York X
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)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
Ink Sump	Sludge - Other	9/22/17	8260, 8270, PP Metals	(1) 2oz (1) 8oz

Comments:

Preservation: (check all that apply)
HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___
Ascorbic Acid ___ Other: _____

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
Deborah Thompson	9/25/17	Chris	9-25-17 10:45		
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by / Date/Time	Temp. Received at Lab
				Rylt 9/25/17 19¼	2.9 Degrees C

DT CONSULTING SERVICES, INC.

ATTACHMENT B

DT Consulting Services, Inc.
1291 Old Post Road
Ulster Park, New York 12487
(845) 658-3484

Soil Boring Log
SB-1

Hole No: SB-1

Sheet 1 of 1

Date Started: 11-21-17

Date Finished: 11-21-17

Client: Higginsville Station, LLC

Method of investigation: 2" Hollow Stem Sampler/4' Macrocore

Location: Daily Freeman, 79 Hurley Avenue, Kingston, New York

Spill Number: 17-01624

P. Manager:

Deborah Thompson

Drilling Co: Core Down Drilling

Geologist: Deborah Thompson

Driller: A. Bellucci

D. Helper: O. Tanner

Drill Rig: Geoprobe®

Weather:

Sunny

32° F @ 0800

Depth (ft.)	Sample No.	Sample Depth (ft.)	Blows per 6"	"N"	Recovery (in.)	Sample Description	Field Analytical Readings	Boring Details	Groundwater and Other Observations
		1				Asphalt/stone.	PID (ppm)		
		2				Brown, sandy silt, damp, no odor.	0.0		Sampled subsurface soils
		3							(15-17' bgs, SB-1)
4					38"		0.0		
		5							
		6							Groundwater
		7							encountered at ~ 10' bgs.
8					40"	Brown, silty clay, damp-moist, no odor.	0.0		No obvious impacts.
		9							Set temporary well at 20'bgs.
		10							Screened from 10 - 20' bgs.
		11							
12					30"	Brown, silty clay, damp-moist, no odor.	0.0		DTW = 10.60
		13							DTB = 19.60
		14							
		15							
16					48"	Brown, silty clay, damp-moist, no odor.	0.0		
		17							
		18				Brown sandy silt, saturated, no odors.	0.0		
		19							
20					42"		0		

Sample Types:

S=Hollow Spoon: X

R= Rock Core:

N = ASTM D1586 BGS = Below Grade Surface

Backfill Well Key

Cement

Native Fill

Borehole

Bentonite

DT Consulting Services, Inc.
1291 Old Post Road
Ulster Park, New York 12487
(845) 658-8484

Soil Boring Log
SB-2

Hole No: SB-2

Sheet 1 of 1

Date Started: 11-21-17

Date Finished: 11-21-17

Client: Higginsville Station, LLC

Method of investigation: 2" Hollow Stem Sampler/4' Macrocore

Location: Daily Freeman, 79 Hurley Avenue, Kingston, New York

Spill Number: 17-01624

P. Manager:

Deborah Thompson

Drilling Co: Core Down Drilling

Geologist: Deborah Thompson

Driller: A. Bellucci

D. Helper: O. Tanner

Drill Rig: Geoprobe®

Weather:

Sunny

32° F @ 0800

Depth (ft.)	Sample No.	Sample Depth (ft.)	Blows per 6"	"N"	Recovery (in.)	Sample Description	Field Analytical Readings	Boring Details	Groundwater and Other Observations
		1				Asphalt/stone.	PID (ppm)		
		2				Brown, mixed fill, damp, no odor.	0.0		Sampled subsurface soils
		3							(15-17' bgs, SB-2)
4					38"		0.0		
		5							
		6				Brown, silty clay, damp-moist, no odor.	0.0		Groundwater
		7							encountered at ~ 10' bgs.
8					38"	Brown, silty clay, saturated at 10' bgs, no odor.	0.0		No obvious impacts.
		9							Set temporary well at 17' bgs.
		10							Screened from 7 -17' bgs.
		11							
12					48"	Brown, silty clay, damp-moist, no odor.	0.0		DTW = 11.62
		13							DTB = 17.00
		14							
		15							
16					48"	Brown, silty clay, saturated at 16' bgs, no odor.	0.0		
		17							
		18							
		19							
20					40"		0.0		

Sample Types:

S=Hollow Spoon: X

R= Rock Core: _____

N = ASTM D1586 BGS = Below Grade Surface

Backfill Well Key

Cement

Native Fill

Borehole

Bentonite

DT Consulting Services, Inc.
1291 Old Post Road
Ulster Park, New York 12487
(845) 658-3484

Soil Boring Log
SB-3

Hole No: SB-3

Sheet 1 of 1

Date Started: 11-21-17

Date Finished: 11-21-17

Client: Higginsville Station, LLC

Method of investigation: 2" Hollow Stem Sampler/4' Macrocore

Location: Daily Freeman, 79 Hurley Avenue, Kingston, New York

Spill Number: 17-01624

P. Manager:

Deborah Thompson

Drilling Co: Core Down Drilling

Geologist: Deborah Thompson

Driller: A. Bellucci

D. Helper: O. Tanner

Drill Rig: Geoprobe®

Weather:

Sunny

32° F @ 0800

Depth (ft.)	Sample No.	Sample Depth (ft.)	Blows per 6"	"N"	Recovery (in.)	Sample Description	Field Analytical Readings	Boring Details	Groundwater and Other Observations
		1				Concrete/stone.	PID (ppm)		
		2				Grey, mixed fill, damp, no odor.	0.0		Sampled subsurface soils
		3							(15-17' bgs, SB-3)
4					32"	Brown, silty clay, damp, no odor.	0.0		
		5							
		6							Groundwater
		7							encountered at ~ 10' bgs.
8					48"	Brown, silty clay, saturated at 10 - 10.5' bgs,	0.0		No obvious impacts.
		9				damp at 10.5' bgs, no odor.			
		10							
		11							
12					48"	Brown, silty clay, damp, no odor.	0.0		
		13							
		14							
		15							
16					48"	Brown, silty clay, saturated at 16' bgs, no odor.	0.0		
		17							
		18							
		19							
20					48"		0.0		

Sample Types:

S=Hollow Spoon: X

R= Rock Core:

N = ASTM D1586 BGS = Below Grade Surface

Backfill Well Key

Cement

Native Fill

Borehole

Bentonite

DT Consulting Services, Inc.
1291 Old Post Road
Ulster Park, New York 12487
(845) 658-3484

Soil Boring Log
SB-4

Hole No: SB-4

Sheet 1 of 1

Date Started: 11-21-17

Date Finished: 11-21-17

Client: Higginsville Station, LLC

Method of investigation: 2" Hollow Stem Sampler/4' Macrocore

Location: Daily Freeman, 79 Hurley Avenue, Kingston, New York

Spill Number: 17-01624

P. Manager:

Deborah Thompson

Drilling Co: Core Down Drilling

Geologist: Deborah Thompson

Driller: A. Bellucci

D. Helper: O. Tanner

Drill Rig: Geoprobe®

Weather:

Sunny

32° F @ 0800

Depth (ft.)	Sample No.	Sample Depth (ft.)	Blows per 6"	"N"	Recovery (in.)	Sample Description	Field Analytical Readings	Boring Details	Groundwater and Other Observations
		1				Concrete/stone.	PID (ppm)		
		2				Grey, mixed fill, damp, no odor.	0.0		Sampled subsurface soils
		3							(3-5' bgs, SB-4)
4					32"	Brown, sandy silt, damp, no odor.	0.0		
		5							
		6							Groundwater
		7							encountered at ~ 16' bgs.
8					48"	Brown, sandy silt, damp, no odor.	0.0		No obvious impacts.
		9							Set temporary well at 20' bgs.
		10							Screened from 10 -20' bgs.
		11				Brown, silty clay, damp, no odor.			
12					48"		0.0		DTW = 12.50
		13							DTB = 19.30
		14							
		15							
16					46"	Brown, silty clay, saturated at 16' bgs, no odor.	0.0		
		17							
		18							
		19							
20					48"		0.0		

Sample Types:

S=Hollow Spoon: X

R= Rock Core:

N = ASTM D1586 BGS = Below Grade Surface

Backfill Well Key

Cement

Native Fill

Borehole

Bentonite

DT Consulting Services, Inc.
1291 Old Post Road
Ulster Park, New York 12487
(845) 658-3484

Soil Boring Log
SB-5

Hole No: SB-5

Sheet 1 of 1

Date Started: 11-21-17

Date Finished: 11-21-17

Client: Higginsville Station, LLC

Method of investigation: 2" Hollow Stem Sampler/4' Macrocore

Location: Daily Freeman, 79 Hurley Avenue, Kingston, New York

Spill Number: 17-01624

P. Manager:

Deborah Thompson

Drilling Co: Core Down Drilling

Geologist: Deborah Thompson

Driller: A. Bellucci

D. Helper: O. Tanner

Drill Rig: Geoprobe®

Weather:

Sunny

32° F @ 0800

Depth (ft.)	Sample No.	Sample Depth (ft.)	Blows per 6"	"N"	Recovery (in.)	Sample Description	Field Analytical Readings	Boring Details	Groundwater and Other Observations
		1				Concrete/stone.	PID (ppm)		
		2				Brown, mixed fill, damp, no odor.	0.0		Sampled subsurface soils
		3							(15-17' bgs, SB-5)
4					28"	Brown, sandy silt, damp, no odor.	0.0		
		5							
		6							Groundwater
		7				Brown, silty clay, damp, no odor.	0.0		encountered at ~ 16' bgs.
8					48"		0.0		No obvious impacts.
		9							
		10							
		11							
12					36"	Brown, silty clay, damp, no odor.	0.0		
		13							
		14							
		15							
16					48"	Brown, silty clay, saturated at 16' bgs, no odor.	0.0		
		17							
		18							
		19							
20					48"		0.0		

Sample Types:

S=Hollow Spoon: X

R= Rock Core:

N = ASTM D1586 BGS = Below Grade Surface

Backfill Well Key

Cement

Native Fill

Borehole

Bentonite

DT CONSULTING SERVICES, INC.

ATTACHMENT C

Technical Report

prepared for:

DT Consulting Services
1291 Old Post Road
Ulster Park NY, 12487
Attention: Deborah Thompson

Report Date: 12/05/2017
Client Project ID: Daily Freeman
York Project (SDG) No.: 17K0899

Revision No. 1.0

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

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

Report Date: 12/05/2017
Client Project ID: Daily Freeman
York Project (SDG) No.: 17K0899

DT Consulting Services
1291 Old Post Road
Ulster Park NY, 12487
Attention: Deborah Thompson

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 22, 2017 and listed below. The project was identified as your project: **Daily Freeman**.

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
17K0899-01	Soil boring SB-1	Soil	11/21/2017	11/22/2017
17K0899-02	SB-1/MW-1	Water	11/21/2017	11/22/2017
17K0899-03	Soil boring SB-2	Soil	11/21/2017	11/22/2017
17K0899-04	SB-2/MW-2	Water	11/21/2017	11/22/2017
17K0899-05	Soil boring SB-3	Soil	11/21/2017	11/22/2017
17K0899-06	Soil boring SB-4	Soil	11/21/2017	11/22/2017
17K0899-07	SB-4/MW-4	Water	11/21/2017	11/22/2017
17K0899-08	Soil boring SB-5	Soil	11/21/2017	11/22/2017

General Notes for York Project (SDG) No.: 17K0899

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: 12/05/2017

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: **Soil boring SB-1** **York Sample ID:** **17K0899-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17K0899	Daily Freeman	Soil	November 21, 2017 3:00 pm	11/22/2017

Volatile Organics, 8260 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
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058		
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:23	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:23	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:23	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:23	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:23	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		

Sample Information

Client Sample ID: Soil boring SB-1 **York Sample ID:** 17K0899-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17K0899	Daily Freeman	Soil	November 21, 2017 3:00 pm	11/22/2017

Volatile Organics, 8260 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
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
123-91-1	1,4-Dioxane	ND		ug/kg dry	55	110	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:23	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:23	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058		
78-93-3	**2-Butanone**	**4.5**	SCAL-E, J	ug/kg dry	2.7	5.5	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
67-64-1	**Acetone**	**23**	SCAL-E	ug/kg dry	5.5	11	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
71-43-2	Benzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
108-86-1	Bromobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:23	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
74-97-5	Bromochloromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:23	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
75-25-2	Bromoform	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
74-83-9	Bromomethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
108-90-7	Chlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
75-00-3	Chloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
67-66-3	Chloroform	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
74-87-3	Chloromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:23	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		

Sample Information

Client Sample ID: Soil boring SB-1 **York Sample ID:** 17K0899-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17K0899	Daily Freeman	Soil	November 21, 2017 3:00 pm	11/22/2017

Volatile Organics, 8260 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
74-95-3	Dibromomethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:23	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:23	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:23	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
75-09-2	Methylene chloride	ND		ug/kg dry	5.5	11	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
91-20-3	Naphthalene	ND		ug/kg dry	2.7	11	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:23	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
95-47-6	o-Xylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.5	11	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
100-42-5	Styrene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
108-88-3	Toluene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
79-01-6	Trichloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		

Sample Information

Client Sample ID: Soil boring SB-1 **York Sample ID:** 17K0899-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17K0899	Daily Freeman	Soil	November 21, 2017 3:00 pm	11/22/2017

Volatile Organics, 8260 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
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
108-05-4	Vinyl acetate	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:23	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.2	16	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*93.0 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*104 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.6 %*	*76-130*

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	74	150	2	EPA 8270D	11/29/2017 07:16	11/30/2017 15:02	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		ug/kg dry	74	150	2	EPA 8270D	11/29/2017 07:16	11/30/2017 15:02	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		ug/kg dry	74	150	2	EPA 8270D	11/29/2017 07:16	11/30/2017 15:02	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	74	150	2	EPA 8270D	11/29/2017 07:16	11/30/2017 15:02	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	74	150	2	EPA 8270D	11/29/2017 07:16	11/30/2017 15:02	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	74	150	2	EPA 8270D	11/29/2017 07:16	11/30/2017 15:02	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	74	150	2	EPA 8270D	11/29/2017 07:16	11/30/2017 15:02	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	74	150	2	EPA 8270D	11/29/2017 07:16	11/30/2017 15:02	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		ug/kg dry	74	150	2	EPA 8270D	11/29/2017 07:16	11/30/2017 15:02	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	74	150	2	EPA 8270D	11/29/2017 07:16	11/30/2017 15:02	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		ug/kg dry	74	150	2	EPA 8270D	11/29/2017 07:16	11/30/2017 15:02	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		ug/kg dry	74	150	2	EPA 8270D	11/29/2017 07:16	11/30/2017 15:02	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: Soil boring SB-1 **York Sample ID:** 17K0899-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17K0899	Daily Freeman	Soil	November 21, 2017 3:00 pm	11/22/2017

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

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3545A

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	ND		ug/kg dry	74	150	2	EPA 8270D	11/29/2017 07:16	11/30/2017 15:02	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-20-3	Naphthalene	ND		ug/kg dry	74	150	2	EPA 8270D	11/29/2017 07:16	11/30/2017 15:02	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
85-01-8	Phenanthrene	ND		ug/kg dry	74	150	2	EPA 8270D	11/29/2017 07:16	11/30/2017 15:02	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	Pyrene	ND		ug/kg dry	74	150	2	EPA 8270D	11/29/2017 07:16	11/30/2017 15:02	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: Nitrobenzene-d5*	*55.2 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*73.1 %*	*21-113*
1718-51-0	*Surrogate: Terphenyl-d14*	*52.6 %*	*24-116*

Metals, RCRA

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**6.31**		mg/kg dry	1.19	1	EPA 6010C	12/04/2017 09:48	12/05/2017 15:04	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**47.9**		mg/kg dry	1.19	1	EPA 6010C	12/04/2017 09:48	12/05/2017 15:04	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/kg dry	0.357	1	EPA 6010C	12/04/2017 09:48	12/05/2017 15:04	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**14.4**		mg/kg dry	0.595	1	EPA 6010C	12/04/2017 09:48	12/05/2017 15:04	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**16.4**		mg/kg dry	0.595	1	EPA 6010C	12/04/2017 09:48	12/05/2017 15:04	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	**Selenium**	**6.55**		mg/kg dry	1.19	1	EPA 6010C	12/04/2017 09:48	12/05/2017 15:04	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.595	1	EPA 6010C	12/04/2017 09:48	12/05/2017 15:04	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Metals, TCLP RCRA

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3015A/1311

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	0.004	1	EPA 6010C/1311	11/29/2017 10:01	11/30/2017 00:04	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**0.395**	B	mg/L	0.011	1	EPA 6010C/1311	11/29/2017 10:01	11/30/2017 00:04	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010C/1311	11/29/2017 10:01	11/30/2017 00:04	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**0.006**		mg/L	0.006	1	EPA 6010C/1311	11/29/2017 10:01	11/30/2017 00:04	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: Soil boring SB-1 **York Sample ID:** 17K0899-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17K0899	Daily Freeman	Soil	November 21, 2017 3:00 pm	11/22/2017

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**0.009**	B	mg/L	0.006	1	EPA 6010C/1311	11/29/2017 10:01	11/30/2017 00:04	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/L	0.011	1	EPA 6010C/1311	11/29/2017 10:01	11/30/2017 00:04	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010C/1311	11/29/2017 10:01	11/30/2017 00:04	BML
							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**	**0.0408**		mg/kg dry	0.0357	1	EPA 7473	12/04/2017 09:50	12/04/2017 12:37	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Mercury TCLP by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

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	0.000200	1	EPA 7473/1311	12/01/2017 11:24	12/01/2017 15:23	SY
							Certifications: CTDOH,NJDEP,PADEP,NELAC-NY10854			

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	11/27/2017 11:14	11/27/2017 13:10	TAJ
							Certifications: CTDOH			

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	11/28/2017 17:37	11/29/2017 10:53	TAJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: SB-1/MW-1 **York Sample ID:** 17K0899-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17K0899	Daily Freeman	Water	November 21, 2017 3:00 pm	11/22/2017

Sample Information

Client Sample ID: SB-1/MW-1 **York Sample ID:** 17K0899-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17K0899	Daily Freeman	Water	November 21, 2017 3:00 pm	11/22/2017

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:15	SR
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:15	SR
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:15	SR
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:15	SR
								Certifications:			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:15	SR
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:15	SR
								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	11/30/2017 07:30	11/30/2017 17:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:15	SR
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		

Sample Information

Client Sample ID: SB-1/MW-1 **York Sample ID:** 17K0899-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17K0899	Daily Freeman	Water	November 21, 2017 3:00 pm	11/22/2017

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:15	SR
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
67-64-1	**Acetone**	**1.0**	J	ug/L	1.0	2.0	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:15	SR
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:15	SR
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		

Sample Information

Client Sample ID: SB-1/MW-1 **York Sample ID:** 17K0899-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17K0899	Daily Freeman	Water	November 21, 2017 3:00 pm	11/22/2017

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:15	SR
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:15	SR
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:15	SR
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:15	SR
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	**p- & m- Xylenes**	**0.60**	J	ug/L	0.50	1.0	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:15	SR
								Certifications:			
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:15	SR
								Certifications:			
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
108-88-3	**Toluene**	**0.24**	J	ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		

Sample Information

Client Sample ID: SB-1/MW-1 **York Sample ID:** 17K0899-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17K0899	Daily Freeman	Water	November 21, 2017 3:00 pm	11/22/2017

Volatile Organics, 8260 List - Low Level

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	11/30/2017 07:30	11/30/2017 17:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
1330-20-7	**Xylenes, Total**	**0.60**	J	ug/L	0.60	1.5	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*91.6 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*116 %*	*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
83-32-9	Acenaphthene	ND		ug/L	0.054	0.054	1	EPA 8270D	11/27/2017 07:55	11/28/2017 14:16	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		ug/L	0.054	0.054	1	EPA 8270D	11/27/2017 07:55	11/28/2017 14:16	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		ug/L	0.054	0.054	1	EPA 8270D	11/27/2017 07:55	11/28/2017 14:16	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.054	0.054	1	EPA 8270D	11/27/2017 07:55	11/28/2017 14:16	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.054	0.054	1	EPA 8270D	11/27/2017 07:55	11/28/2017 14:16	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.054	0.054	1	EPA 8270D	11/27/2017 07:55	11/28/2017 14:16	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.054	0.054	1	EPA 8270D	11/27/2017 07:55	11/28/2017 14:16	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.054	0.054	1	EPA 8270D	11/27/2017 07:55	11/28/2017 14:16	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		ug/L	0.054	0.054	1	EPA 8270D	11/27/2017 07:55	11/28/2017 14:16	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.054	0.054	1	EPA 8270D	11/27/2017 07:55	11/28/2017 14:16	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB-1/MW-1 **York Sample ID:** 17K0899-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17K0899	Daily Freeman	Water	November 21, 2017 3:00 pm	11/22/2017

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
206-44-0	Fluoranthene	ND		ug/L	0.054	0.054	1	EPA 8270D	11/27/2017 07:55	11/28/2017 14:16	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		ug/L	0.054	0.054	1	EPA 8270D	11/27/2017 07:55	11/28/2017 14:16	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.054	0.054	1	EPA 8270D	11/27/2017 07:55	11/28/2017 14:16	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		ug/L	0.054	0.054	1	EPA 8270D	11/27/2017 07:55	11/28/2017 14:16	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		ug/L	0.054	0.054	1	EPA 8270D	11/27/2017 07:55	11/28/2017 14:16	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**0.076**		ug/L	0.054	0.054	1	EPA 8270D	11/27/2017 07:55	11/28/2017 14:16	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: Nitrobenzene-d5*	*80.5 %*	*12-96*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*70.1 %*	*16-84*
1718-51-0	*Surrogate: Terphenyl-d14*	*46.9 %*	*15-106*

Sample Information

Client Sample ID: Soil boring SB-2 **York Sample ID:** 17K0899-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17K0899	Daily Freeman	Soil	November 21, 2017 3:00 pm	11/22/2017

Volatile Organics, 8260 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
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058		
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		

Sample Information

Client Sample ID: Soil boring SB-2 **York Sample ID:** 17K0899-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17K0899	Daily Freeman	Soil	November 21, 2017 3:00 pm	11/22/2017

Volatile Organics, 8260 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		ug/kg dry	2.1	4.3	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:55	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:55	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:55	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:55	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:55	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
123-91-1	1,4-Dioxane	ND		ug/kg dry	43	85	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:55	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:55	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058		
78-93-3	2-Butanone	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
67-64-1	**Acetone**	**12**	SCAL-E	ug/kg dry	4.3	8.5	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		

Sample Information

Client Sample ID: Soil boring SB-2 **York Sample ID:** 17K0899-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17K0899	Daily Freeman	Soil	November 21, 2017 3:00 pm	11/22/2017

Volatile Organics, 8260 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
71-43-2	Benzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
108-86-1	Bromobenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:55	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
74-97-5	Bromochloromethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:55	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
75-25-2	Bromoform	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
74-83-9	Bromomethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
108-90-7	Chlorobenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
75-00-3	Chloroethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
67-66-3	Chloroform	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
74-87-3	Chloromethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:55	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
74-95-3	Dibromomethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:55	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:55	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:55	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**3.2**	J	ug/kg dry	2.1	4.3	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
75-09-2	Methylene chloride	ND		ug/kg dry	4.3	8.5	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		

Sample Information

Client Sample ID: Soil boring SB-2 **York Sample ID:** 17K0899-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17K0899	Daily Freeman	Soil	November 21, 2017 3:00 pm	11/22/2017

Volatile Organics, 8260 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
91-20-3	Naphthalene	ND		ug/kg dry	2.1	8.5	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:55	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
95-47-6	o-Xylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.3	8.5	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
100-42-5	Styrene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
108-88-3	Toluene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
79-01-6	Trichloroethylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
108-05-4	Vinyl acetate	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:55	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.4	13	1	EPA 8260C	11/30/2017 07:30	11/30/2017 16:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*96.4 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*104 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.6 %*	*76-130*

Sample Information

Client Sample ID: Soil boring SB-2 **York Sample ID:** 17K0899-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17K0899	Daily Freeman	Soil	November 21, 2017 3:00 pm	11/22/2017

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	69	140	2	EPA 8270D	11/29/2017 07:16	11/30/2017 15:51	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		ug/kg dry	69	140	2	EPA 8270D	11/29/2017 07:16	11/30/2017 15:51	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		ug/kg dry	69	140	2	EPA 8270D	11/29/2017 07:16	11/30/2017 15:51	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	69	140	2	EPA 8270D	11/29/2017 07:16	11/30/2017 15:51	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	69	140	2	EPA 8270D	11/29/2017 07:16	11/30/2017 15:51	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	69	140	2	EPA 8270D	11/29/2017 07:16	11/30/2017 15:51	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	69	140	2	EPA 8270D	11/29/2017 07:16	11/30/2017 15:51	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	69	140	2	EPA 8270D	11/29/2017 07:16	11/30/2017 15:51	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		ug/kg dry	69	140	2	EPA 8270D	11/29/2017 07:16	11/30/2017 15:51	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	69	140	2	EPA 8270D	11/29/2017 07:16	11/30/2017 15:51	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		ug/kg dry	69	140	2	EPA 8270D	11/29/2017 07:16	11/30/2017 15:51	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		ug/kg dry	69	140	2	EPA 8270D	11/29/2017 07:16	11/30/2017 15:51	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	69	140	2	EPA 8270D	11/29/2017 07:16	11/30/2017 15:51	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		ug/kg dry	69	140	2	EPA 8270D	11/29/2017 07:16	11/30/2017 15:51	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		ug/kg dry	69	140	2	EPA 8270D	11/29/2017 07:16	11/30/2017 15:51	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		ug/kg dry	69	140	2	EPA 8270D	11/29/2017 07:16	11/30/2017 15:51	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: Nitrobenzene-d5*	*57.4 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*78.5 %*	*21-113*
1718-51-0	*Surrogate: Terphenyl-d14*	*57.0 %*	*24-116*

Metals, RCRA

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

Sample Information

Client Sample ID: Soil boring SB-2 **York Sample ID:** 17K0899-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17K0899	Daily Freeman	Soil	November 21, 2017 3:00 pm	11/22/2017

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**5.00**		mg/kg dry	1.10	1	EPA 6010C	12/04/2017 09:48	12/05/2017 15:09	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**37.7**		mg/kg dry	1.10	1	EPA 6010C	12/04/2017 09:48	12/05/2017 15:09	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/kg dry	0.330	1	EPA 6010C	12/04/2017 09:48	12/05/2017 15:09	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**11.9**		mg/kg dry	0.551	1	EPA 6010C	12/04/2017 09:48	12/05/2017 15:09	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**12.1**		mg/kg dry	0.551	1	EPA 6010C	12/04/2017 09:48	12/05/2017 15:09	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	**Selenium**	**5.03**		mg/kg dry	1.10	1	EPA 6010C	12/04/2017 09:48	12/05/2017 15:09	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.551	1	EPA 6010C	12/04/2017 09:48	12/05/2017 15:09	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

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	0.004	1	EPA 6010C/1311	11/29/2017 10:01	11/30/2017 00:09	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**0.381**	B	mg/L	0.011	1	EPA 6010C/1311	11/29/2017 10:01	11/30/2017 00:09	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010C/1311	11/29/2017 10:01	11/30/2017 00:09	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	Chromium	ND		mg/L	0.006	1	EPA 6010C/1311	11/29/2017 10:01	11/30/2017 00:09	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	Lead	ND		mg/L	0.006	1	EPA 6010C/1311	11/29/2017 10:01	11/30/2017 00:09	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/L	0.011	1	EPA 6010C/1311	11/29/2017 10:01	11/30/2017 00:09	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010C/1311	11/29/2017 10:01	11/30/2017 00:09	BML
							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	0.0330	1	EPA 7473	12/04/2017 09:50	12/04/2017 13:46	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Sample Information

Client Sample ID: Soil boring SB-2 **York Sample ID:** 17K0899-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17K0899	Daily Freeman	Soil	November 21, 2017 3:00 pm	11/22/2017

Mercury TCLP by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

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	0.000200	1	EPA 7473/1311	12/01/2017 11:24	12/01/2017 15:31	SY
							Certifications: CTDOH,NJDEP,PADEP,NELAC-NY10854			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.8**		%	0.100	1	SM 2540G	11/27/2017 11:14	11/27/2017 13:10	TAJ
							Certifications: CTDOH			

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	11/28/2017 17:37	11/29/2017 10:53	TAJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: SB-2/MW-2 **York Sample ID:** 17K0899-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17K0899	Daily Freeman	Water	November 21, 2017 3:00 pm	11/22/2017

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:43	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:43	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:43	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:43	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:43	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:43	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			

Sample Information

Client Sample ID: SB-2/MW-2 **York Sample ID:** 17K0899-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17K0899	Daily Freeman	Water	November 21, 2017 3:00 pm	11/22/2017

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:43	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:43	SR
								Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:43	SR
								Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:43	SR
								Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:43	SR
								Certifications:			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:43	SR
								Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:43	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:43	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:43	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:43	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:43	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:43	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
108-67-8	**1,3,5-Trimethylbenzene**	**1.2**		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:43	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:43	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:43	SR
								Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:43	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:43	SR
								Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:43	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:43	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:43	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:43	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			

Sample Information

Client Sample ID: SB-2/MW-2 **York Sample ID:** 17K0899-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17K0899	Daily Freeman	Water	November 21, 2017 3:00 pm	11/22/2017

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:43	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
67-64-1	**Acetone**	**73**		ug/L	1.0	2.0	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:43	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:43	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:43	SR
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:43	SR
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:43	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:43	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:43	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
75-15-0	**Carbon disulfide**	**0.29**	J	ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:43	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:43	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:43	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:43	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:43	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:43	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:43	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:43	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:43	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:43	SR
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:43	SR
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:43	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:43	SR
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:43	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		

Sample Information

Client Sample ID: SB-2/MW-2 **York Sample ID:** 17K0899-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17K0899	Daily Freeman	Water	November 21, 2017 3:00 pm	11/22/2017

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**10**		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:43	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:43	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:43	SR
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:43	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
103-65-1	**n-Propylbenzene**	**0.51**		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:43	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
95-47-6	**o-Xylene**	**0.59**		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:43	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:43	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:43	SR
								Certifications:			
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:43	SR
								Certifications:			
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:43	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:43	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:43	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:43	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:43	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:43	SR
								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	11/30/2017 07:30	11/30/2017 17:43	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:43	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:43	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:43	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:43	SR
								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	11/30/2017 07:30	11/30/2017 17:43	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB-2/MW-2 **York Sample ID:** 17K0899-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17K0899	Daily Freeman	Water	November 21, 2017 3:00 pm	11/22/2017

Volatile Organics, 8260 List - Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*92.7 %*			*69-130*						
2037-26-5	*Surrogate: Toluene-d8*	*102 %*			*81-117*						
460-00-4	*Surrogate: p-Bromofluorobenzene*	*116 %*			*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
83-32-9	Acenaphthene	ND		ug/L	0.056	0.056	1	EPA 8270D	11/27/2017 07:55	11/28/2017 14:47	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		ug/L	0.056	0.056	1	EPA 8270D	11/27/2017 07:55	11/28/2017 14:47	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		ug/L	0.056	0.056	1	EPA 8270D	11/27/2017 07:55	11/28/2017 14:47	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.056	0.056	1	EPA 8270D	11/27/2017 07:55	11/28/2017 14:47	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.056	0.056	1	EPA 8270D	11/27/2017 07:55	11/28/2017 14:47	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.056	0.056	1	EPA 8270D	11/27/2017 07:55	11/28/2017 14:47	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.056	0.056	1	EPA 8270D	11/27/2017 07:55	11/28/2017 14:47	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.056	0.056	1	EPA 8270D	11/27/2017 07:55	11/28/2017 14:47	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		ug/L	0.056	0.056	1	EPA 8270D	11/27/2017 07:55	11/28/2017 14:47	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.056	0.056	1	EPA 8270D	11/27/2017 07:55	11/28/2017 14:47	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		ug/L	0.056	0.056	1	EPA 8270D	11/27/2017 07:55	11/28/2017 14:47	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		ug/L	0.056	0.056	1	EPA 8270D	11/27/2017 07:55	11/28/2017 14:47	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.056	0.056	1	EPA 8270D	11/27/2017 07:55	11/28/2017 14:47	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	**Naphthalene**	**0.078**		ug/L	0.056	0.056	1	EPA 8270D	11/27/2017 07:55	11/28/2017 14:47	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		ug/L	0.056	0.056	1	EPA 8270D	11/27/2017 07:55	11/28/2017 14:47	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		ug/L	0.056	0.056	1	EPA 8270D	11/27/2017 07:55	11/28/2017 14:47	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: Nitrobenzene-d5*	*81.5 %*	*12-96*

Sample Information

Client Sample ID: SB-2/MW-2 **York Sample ID:** 17K0899-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17K0899	Daily Freeman	Water	November 21, 2017 3:00 pm	11/22/2017

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
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*72.2 %*			*16-84*						
1718-51-0	*Surrogate: Terphenyl-d14*	*38.7 %*			*15-106*						

Sample Information

Client Sample ID: Soil boring SB-3 **York Sample ID:** 17K0899-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17K0899	Daily Freeman	Soil	November 21, 2017 3:00 pm	11/22/2017

Volatile Organics, 8260 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
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058		
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:26	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:26	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:26	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:26	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		

Sample Information

Client Sample ID: Soil boring SB-3 **York Sample ID:** 17K0899-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17K0899	Daily Freeman	Soil	November 21, 2017 3:00 pm	11/22/2017

Volatile Organics, 8260 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
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:26	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
123-91-1	1,4-Dioxane	ND		ug/kg dry	41	81	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:26	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:26	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058		
78-93-3	2-Butanone	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
67-64-1	**Acetone**	**9.8**	SCAL-E	ug/kg dry	4.1	8.1	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
71-43-2	Benzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
108-86-1	Bromobenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:26	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
74-97-5	Bromochloromethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:26	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
75-25-2	Bromoform	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
74-83-9	Bromomethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		

Sample Information

Client Sample ID: Soil boring SB-3 **York Sample ID:** 17K0899-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17K0899	Daily Freeman	Soil	November 21, 2017 3:00 pm	11/22/2017

Volatile Organics, 8260 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		ug/kg dry	2.0	4.1	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
75-00-3	Chloroethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
67-66-3	Chloroform	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
74-87-3	Chloromethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:26	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
74-95-3	Dibromomethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:26	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:26	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:26	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
75-09-2	Methylene chloride	ND		ug/kg dry	4.1	8.1	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
91-20-3	Naphthalene	ND		ug/kg dry	2.0	8.1	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:26	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
95-47-6	o-Xylene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.1	8.1	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		

Sample Information

Client Sample ID: Soil boring SB-3 **York Sample ID:** 17K0899-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17K0899	Daily Freeman	Soil	November 21, 2017 3:00 pm	11/22/2017

Volatile Organics, 8260 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
100-42-5	Styrene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
108-88-3	Toluene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
79-01-6	Trichloroethylene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
108-05-4	Vinyl acetate	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:26	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.1	12	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*95.7 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*104 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*101 %*	*76-130*

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

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	73	150	2	EPA 8270D	11/29/2017 07:16	11/30/2017 16:41	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		ug/kg dry	73	150	2	EPA 8270D	11/29/2017 07:16	11/30/2017 16:41	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		ug/kg dry	73	150	2	EPA 8270D	11/29/2017 07:16	11/30/2017 16:41	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	73	150	2	EPA 8270D	11/29/2017 07:16	11/30/2017 16:41	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	73	150	2	EPA 8270D	11/29/2017 07:16	11/30/2017 16:41	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: Soil boring SB-3 **York Sample ID:** 17K0899-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17K0899	Daily Freeman	Soil	November 21, 2017 3:00 pm	11/22/2017

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	73	150	2	EPA 8270D	11/29/2017 07:16	11/30/2017 16:41	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	73	150	2	EPA 8270D	11/29/2017 07:16	11/30/2017 16:41	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	73	150	2	EPA 8270D	11/29/2017 07:16	11/30/2017 16:41	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		ug/kg dry	73	150	2	EPA 8270D	11/29/2017 07:16	11/30/2017 16:41	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	73	150	2	EPA 8270D	11/29/2017 07:16	11/30/2017 16:41	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		ug/kg dry	73	150	2	EPA 8270D	11/29/2017 07:16	11/30/2017 16:41	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		ug/kg dry	73	150	2	EPA 8270D	11/29/2017 07:16	11/30/2017 16:41	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	73	150	2	EPA 8270D	11/29/2017 07:16	11/30/2017 16:41	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		ug/kg dry	73	150	2	EPA 8270D	11/29/2017 07:16	11/30/2017 16:41	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		ug/kg dry	73	150	2	EPA 8270D	11/29/2017 07:16	11/30/2017 16:41	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		ug/kg dry	73	150	2	EPA 8270D	11/29/2017 07:16	11/30/2017 16:41	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: Nitrobenzene-d5*	*52.9 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*72.3 %*	*21-113*
1718-51-0	*Surrogate: Terphenyl-d14*	*50.9 %*	*24-116*

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**6.43**		mg/kg dry	1.17	1	EPA 6010C	12/04/2017 09:48	12/05/2017 15:26	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**53.3**		mg/kg dry	1.17	1	EPA 6010C	12/04/2017 09:48	12/05/2017 15:26	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.351	1	EPA 6010C	12/04/2017 09:48	12/05/2017 15:26	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**17.8**		mg/kg dry	0.586	1	EPA 6010C	12/04/2017 09:48	12/05/2017 15:26	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**14.7**		mg/kg dry	0.586	1	EPA 6010C	12/04/2017 09:48	12/05/2017 15:26	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**5.51**		mg/kg dry	1.17	1	EPA 6010C	12/04/2017 09:48	12/05/2017 15:26	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: Soil boring SB-3 **York Sample ID:** 17K0899-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17K0899	Daily Freeman	Soil	November 21, 2017 3:00 pm	11/22/2017

Metals, RCRA

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	0.586	1	EPA 6010C	12/04/2017 09:48	12/05/2017 15:26	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

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	0.004	1	EPA 6010C/1311	11/29/2017 10:01	11/30/2017 00:15	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**0.531**	B	mg/L	0.011	1	EPA 6010C/1311	11/29/2017 10:01	11/30/2017 00:15	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010C/1311	11/29/2017 10:01	11/30/2017 00:15	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**0.014**		mg/L	0.006	1	EPA 6010C/1311	11/29/2017 10:01	11/30/2017 00:15	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**0.006**	B	mg/L	0.006	1	EPA 6010C/1311	11/29/2017 10:01	11/30/2017 00:15	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/L	0.011	1	EPA 6010C/1311	11/29/2017 10:01	11/30/2017 00:15	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010C/1311	11/29/2017 10:01	11/30/2017 00:15	BML
							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	0.0351	1	EPA 7473	12/04/2017 09:50	12/04/2017 13:53	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Mercury TCLP by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

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	0.000200	1	EPA 7473/1311	12/01/2017 11:24	12/01/2017 15:43	SY
							Certifications: CTDOH,NJDEP,PADEP,NELAC-NY10854			

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**	**85.4**		%	0.100	1	SM 2540G	11/27/2017 11:14	11/27/2017 13:10	TAJ
							Certifications: CTDOH			

Sample Information

Client Sample ID: Soil boring SB-3 **York Sample ID:** 17K0899-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17K0899	Daily Freeman	Soil	November 21, 2017 3:00 pm	11/22/2017

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	11/28/2017 17:37	11/29/2017 10:53	TAJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: Soil boring SB-4 **York Sample ID:** 17K0899-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17K0899	Daily Freeman	Soil	November 21, 2017 3:00 pm	11/22/2017

Volatile Organics, 8260 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
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058		
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:58	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:58	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:58	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:58	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		

Sample Information

Client Sample ID: Soil boring SB-4 **York Sample ID:** 17K0899-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17K0899	Daily Freeman	Soil	November 21, 2017 3:00 pm	11/22/2017

Volatile Organics, 8260 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
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:58	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
123-91-1	1,4-Dioxane	ND		ug/kg dry	44	88	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:58	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:58	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058		
78-93-3	**2-Butanone**	**7.4**	SCAL-E	ug/kg dry	2.2	4.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
67-64-1	**Acetone**	**35**	SCAL-E	ug/kg dry	4.4	8.8	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
71-43-2	Benzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
108-86-1	Bromobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:58	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
74-97-5	Bromochloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:58	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
75-25-2	Bromoform	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
74-83-9	Bromomethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		

Sample Information

Client Sample ID: Soil boring SB-4 **York Sample ID:** 17K0899-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17K0899	Daily Freeman	Soil	November 21, 2017 3:00 pm	11/22/2017

Volatile Organics, 8260 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		ug/kg dry	2.2	4.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
75-00-3	Chloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
67-66-3	Chloroform	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
74-87-3	Chloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:58	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
74-95-3	Dibromomethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:58	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:58	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:58	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
75-09-2	Methylene chloride	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
91-20-3	Naphthalene	ND		ug/kg dry	2.2	8.8	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:58	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
95-47-6	o-Xylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		

Sample Information

Client Sample ID: Soil boring SB-4 **York Sample ID:** 17K0899-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17K0899	Daily Freeman	Soil	November 21, 2017 3:00 pm	11/22/2017

Volatile Organics, 8260 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
100-42-5	Styrene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
108-88-3	Toluene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
79-01-6	Trichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
108-05-4	Vinyl acetate	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:58	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.6	13	1	EPA 8260C	11/30/2017 07:30	11/30/2017 17:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*95.3 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*111 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*104 %*	*76-130*

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	71	140	2	EPA 8270D	11/29/2017 07:16	11/30/2017 17:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		ug/kg dry	71	140	2	EPA 8270D	11/29/2017 07:16	11/30/2017 17:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		ug/kg dry	71	140	2	EPA 8270D	11/29/2017 07:16	11/30/2017 17:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	71	140	2	EPA 8270D	11/29/2017 07:16	11/30/2017 17:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	71	140	2	EPA 8270D	11/29/2017 07:16	11/30/2017 17:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: Soil boring SB-4 **York Sample ID:** 17K0899-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17K0899	Daily Freeman	Soil	November 21, 2017 3:00 pm	11/22/2017

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	71	140	2	EPA 8270D	11/29/2017 07:16	11/30/2017 17:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	71	140	2	EPA 8270D	11/29/2017 07:16	11/30/2017 17:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	71	140	2	EPA 8270D	11/29/2017 07:16	11/30/2017 17:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		ug/kg dry	71	140	2	EPA 8270D	11/29/2017 07:16	11/30/2017 17:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	71	140	2	EPA 8270D	11/29/2017 07:16	11/30/2017 17:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		ug/kg dry	71	140	2	EPA 8270D	11/29/2017 07:16	11/30/2017 17:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		ug/kg dry	71	140	2	EPA 8270D	11/29/2017 07:16	11/30/2017 17:30	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	71	140	2	EPA 8270D	11/29/2017 07:16	11/30/2017 17:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		ug/kg dry	71	140	2	EPA 8270D	11/29/2017 07:16	11/30/2017 17:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		ug/kg dry	71	140	2	EPA 8270D	11/29/2017 07:16	11/30/2017 17:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		ug/kg dry	71	140	2	EPA 8270D	11/29/2017 07:16	11/30/2017 17:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: Nitrobenzene-d5*	*52.9 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*70.6 %*	*21-113*
1718-51-0	*Surrogate: Terphenyl-d14*	*50.4 %*	*24-116*

Metals, RCRA

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**	**3.53**		mg/kg dry	1.14	1	EPA 6010C	12/04/2017 09:48	12/05/2017 15:31	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**75.9**		mg/kg dry	1.14	1	EPA 6010C	12/04/2017 09:48	12/05/2017 15:31	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.341	1	EPA 6010C	12/04/2017 09:48	12/05/2017 15:31	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**22.0**		mg/kg dry	0.568	1	EPA 6010C	12/04/2017 09:48	12/05/2017 15:31	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**14.5**		mg/kg dry	0.568	1	EPA 6010C	12/04/2017 09:48	12/05/2017 15:31	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**4.91**		mg/kg dry	1.14	1	EPA 6010C	12/04/2017 09:48	12/05/2017 15:31	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: Soil boring SB-4 **York Sample ID:** 17K0899-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17K0899	Daily Freeman	Soil	November 21, 2017 3:00 pm	11/22/2017

Metals, RCRA

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	0.568	1	EPA 6010C	12/04/2017 09:48	12/05/2017 15:31	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Metals, TCLP RCRA

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3015A/1311

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	0.004	1	EPA 6010C/1311	11/29/2017 10:01	11/30/2017 00:21	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**0.588**	B	mg/L	0.011	1	EPA 6010C/1311	11/29/2017 10:01	11/30/2017 00:21	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010C/1311	11/29/2017 10:01	11/30/2017 00:21	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	Chromium	ND		mg/L	0.006	1	EPA 6010C/1311	11/29/2017 10:01	11/30/2017 00:21	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**0.007**	B	mg/L	0.006	1	EPA 6010C/1311	11/29/2017 10:01	11/30/2017 00:21	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/L	0.011	1	EPA 6010C/1311	11/29/2017 10:01	11/30/2017 00:21	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010C/1311	11/29/2017 10:01	11/30/2017 00:21	BML
							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	0.0341	1	EPA 7473	12/04/2017 09:50	12/04/2017 14:02	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Mercury TCLP by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 water

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	0.000200	1	EPA 7473/1311	12/01/2017 11:24	12/01/2017 15:53	SY
							Certifications: CTDOH,NJDEP,PADEP,NELAC-NY10854			

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**	**88.1**		%	0.100	1	SM 2540G	11/27/2017 11:14	11/27/2017 13:10	TAJ
							Certifications: CTDOH			

Sample Information

Client Sample ID: Soil boring SB-4 **York Sample ID:** 17K0899-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17K0899	Daily Freeman	Soil	November 21, 2017 3:00 pm	11/22/2017

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	11/28/2017 17:37	11/29/2017 10:53	TAJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: SB-4/MW-4 **York Sample ID:** 17K0899-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17K0899	Daily Freeman	Water	November 21, 2017 3:00 pm	11/22/2017

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:10	SR
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:10	SR
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:10	SR
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:10	SR
								Certifications:			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:10	SR
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		

Sample Information

Client Sample ID: SB-4/MW-4 **York Sample ID:** 17K0899-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17K0899	Daily Freeman	Water	November 21, 2017 3:00 pm	11/22/2017

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:10	SR
								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	11/30/2017 07:30	11/30/2017 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:10	SR
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:10	SR
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
67-64-1	**Acetone**	**1.1**	J	ug/L	1.0	2.0	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:10	SR
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:10	SR
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		

Sample Information

Client Sample ID: SB-4/MW-4 **York Sample ID:** 17K0899-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17K0899	Daily Freeman	Water	November 21, 2017 3:00 pm	11/22/2017

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
156-59-2	**cis-1,2-Dichloroethylene**	**6.3**		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:10	SR
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:10	SR
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:10	SR
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:10	SR
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		

Sample Information

Client Sample ID: SB-4/MW-4 **York Sample ID:** 17K0899-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17K0899	Daily Freeman	Water	November 21, 2017 3:00 pm	11/22/2017

Volatile Organics, 8260 List - Low Level

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
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:10	SR
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP			
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:10	SR
								Certifications:			
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:10	SR
								Certifications:			
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:10	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:10	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:10	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:10	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:10	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
108-88-3	**Toluene**	**0.34**	J	ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:10	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
156-60-5	**trans-1,2-Dichloroethylene**	**1.3**		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:10	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:10	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
79-01-6	**Trichloroethylene**	**0.42**	J	ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:10	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:10	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:10	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:10	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*108 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*96.8 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*107 %*	*79-122*

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

Log-in Notes:

Sample Notes: EXT-D

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	11/27/2017 07:55	11/28/2017 15:18	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB-4/MW-4 **York Sample ID:** 17K0899-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17K0899	Daily Freeman	Water	November 21, 2017 3:00 pm	11/22/2017

Semi-Volatiles, CP-51 (formerly STARS) List **Log-in Notes:** **Sample Notes:** EXT-D

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
208-96-8	Acenaphthylene	ND		ug/L	0.056	0.056	1	EPA 8270D	11/27/2017 07:55	11/28/2017 15:18	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		ug/L	0.056	0.056	1	EPA 8270D	11/27/2017 07:55	11/28/2017 15:18	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.056	0.056	1	EPA 8270D	11/27/2017 07:55	11/28/2017 15:18	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.056	0.056	1	EPA 8270D	11/27/2017 07:55	11/28/2017 15:18	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.056	0.056	1	EPA 8270D	11/27/2017 07:55	11/28/2017 15:18	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.056	0.056	1	EPA 8270D	11/27/2017 07:55	11/28/2017 15:18	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.056	0.056	1	EPA 8270D	11/27/2017 07:55	11/28/2017 15:18	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		ug/L	0.056	0.056	1	EPA 8270D	11/27/2017 07:55	11/28/2017 15:18	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.056	0.056	1	EPA 8270D	11/27/2017 07:55	11/28/2017 15:18	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		ug/L	0.056	0.056	1	EPA 8270D	11/27/2017 07:55	11/28/2017 15:18	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		ug/L	0.056	0.056	1	EPA 8270D	11/27/2017 07:55	11/28/2017 15:18	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.056	0.056	1	EPA 8270D	11/27/2017 07:55	11/28/2017 15:18	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		ug/L	0.056	0.056	1	EPA 8270D	11/27/2017 07:55	11/28/2017 15:18	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		ug/L	0.056	0.056	1	EPA 8270D	11/27/2017 07:55	11/28/2017 15:18	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		ug/L	0.056	0.056	1	EPA 8270D	11/27/2017 07:55	11/28/2017 15:18	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: Nitrobenzene-d5*	*78.3 %*	*12-96*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*67.5 %*	*16-84*
1718-51-0	*Surrogate: Terphenyl-d14*	*36.1 %*	*15-106*

Sample Information

Client Sample ID: Soil boring SB-5 **York Sample ID:** 17K0899-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17K0899	Daily Freeman	Soil	November 21, 2017 3:00 pm	11/22/2017

Sample Information

Client Sample ID: **Soil boring SB-5** **York Sample ID:** **17K0899-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17K0899	Daily Freeman	Soil	November 21, 2017 3:00 pm	11/22/2017

Volatile Organics, 8260 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
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058		
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:30	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:30	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:30	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:30	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:30	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		

Sample Information

Client Sample ID: Soil boring SB-5 **York Sample ID:** 17K0899-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17K0899	Daily Freeman	Soil	November 21, 2017 3:00 pm	11/22/2017

Volatile Organics, 8260 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
123-91-1	1,4-Dioxane	ND		ug/kg dry	54	110	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:30	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:30	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058		
78-93-3	**2-Butanone**	**4.6**	SCAL-E, J	ug/kg dry	2.7	5.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
67-64-1	**Acetone**	**24**	SCAL-E	ug/kg dry	5.4	11	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
71-43-2	Benzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
108-86-1	Bromobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:30	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
74-97-5	Bromochloromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:30	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
75-25-2	Bromoform	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
74-83-9	Bromomethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
108-90-7	Chlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
75-00-3	Chloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
67-66-3	Chloroform	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
74-87-3	Chloromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:30	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
74-95-3	Dibromomethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:30	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		

Sample Information

Client Sample ID: Soil boring SB-5 **York Sample ID:** 17K0899-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17K0899	Daily Freeman	Soil	November 21, 2017 3:00 pm	11/22/2017

Volatile Organics, 8260 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
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:30	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:30	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
75-09-2	Methylene chloride	ND		ug/kg dry	5.4	11	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
91-20-3	Naphthalene	ND		ug/kg dry	2.7	11	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:30	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
95-47-6	o-Xylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.4	11	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
100-42-5	Styrene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
108-88-3	Toluene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
79-01-6	Trichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		

Sample Information

Client Sample ID: Soil boring SB-5 **York Sample ID:** 17K0899-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17K0899	Daily Freeman	Soil	November 21, 2017 3:00 pm	11/22/2017

Volatile Organics, 8260 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
108-05-4	Vinyl acetate	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:30	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.1	16	1	EPA 8260C	11/30/2017 07:30	11/30/2017 18:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*90.5 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*106 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*105 %*	*76-130*

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	71	140	2	EPA 8270D	11/29/2017 07:16	11/30/2017 18:19	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		ug/kg dry	71	140	2	EPA 8270D	11/29/2017 07:16	11/30/2017 18:19	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		ug/kg dry	71	140	2	EPA 8270D	11/29/2017 07:16	11/30/2017 18:19	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	71	140	2	EPA 8270D	11/29/2017 07:16	11/30/2017 18:19	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	71	140	2	EPA 8270D	11/29/2017 07:16	11/30/2017 18:19	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	71	140	2	EPA 8270D	11/29/2017 07:16	11/30/2017 18:19	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	71	140	2	EPA 8270D	11/29/2017 07:16	11/30/2017 18:19	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	71	140	2	EPA 8270D	11/29/2017 07:16	11/30/2017 18:19	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		ug/kg dry	71	140	2	EPA 8270D	11/29/2017 07:16	11/30/2017 18:19	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	71	140	2	EPA 8270D	11/29/2017 07:16	11/30/2017 18:19	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		ug/kg dry	71	140	2	EPA 8270D	11/29/2017 07:16	11/30/2017 18:19	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		ug/kg dry	71	140	2	EPA 8270D	11/29/2017 07:16	11/30/2017 18:19	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	71	140	2	EPA 8270D	11/29/2017 07:16	11/30/2017 18:19	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: Soil boring SB-5 **York Sample ID:** 17K0899-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17K0899	Daily Freeman	Soil	November 21, 2017 3:00 pm	11/22/2017

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

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/kg dry	71	140	2	EPA 8270D	11/29/2017 07:16	11/30/2017 18:19	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
85-01-8	Phenanthrene	ND		ug/kg dry	71	140	2	EPA 8270D	11/29/2017 07:16	11/30/2017 18:19	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	Pyrene	ND		ug/kg dry	71	140	2	EPA 8270D	11/29/2017 07:16	11/30/2017 18:19	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: Nitrobenzene-d5*	*50.3 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*66.7 %*	*21-113*
1718-51-0	*Surrogate: Terphenyl-d14*	*47.8 %*	*24-116*

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**5.61**		mg/kg dry	1.14	1	EPA 6010C	12/04/2017 09:48	12/05/2017 15:36	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**55.7**		mg/kg dry	1.14	1	EPA 6010C	12/04/2017 09:48	12/05/2017 15:36	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/kg dry	0.342	1	EPA 6010C	12/04/2017 09:48	12/05/2017 15:36	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**15.7**		mg/kg dry	0.570	1	EPA 6010C	12/04/2017 09:48	12/05/2017 15:36	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**14.9**		mg/kg dry	0.570	1	EPA 6010C	12/04/2017 09:48	12/05/2017 15:36	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	**Selenium**	**5.91**		mg/kg dry	1.14	1	EPA 6010C	12/04/2017 09:48	12/05/2017 15:36	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.570	1	EPA 6010C	12/04/2017 09:48	12/05/2017 15:36	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

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	0.004	1	EPA 6010C/1311	11/29/2017 10:01	11/30/2017 00:26	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**0.260**	B	mg/L	0.011	1	EPA 6010C/1311	11/29/2017 10:01	11/30/2017 00:26	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010C/1311	11/29/2017 10:01	11/30/2017 00:26	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**0.007**		mg/L	0.006	1	EPA 6010C/1311	11/29/2017 10:01	11/30/2017 00:26	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**0.010**	B	mg/L	0.006	1	EPA 6010C/1311	11/29/2017 10:01	11/30/2017 00:26	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: Soil boring SB-5 **York Sample ID:** 17K0899-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17K0899	Daily Freeman	Soil	November 21, 2017 3:00 pm	11/22/2017

Metals, TCLP RCRA

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7782-49-2	**Selenium**	**0.017**		mg/L	0.011	1	EPA 6010C/1311	11/29/2017 10:01	11/30/2017 00:26	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010C/1311	11/29/2017 10:01	11/30/2017 00:26	BML
							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	0.0342	1	EPA 7473	12/04/2017 09:50	12/04/2017 14:10	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Mercury TCLP by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 water

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	0.000200	1	EPA 7473/1311	12/01/2017 11:24	12/01/2017 16:03	SY
							Certifications: CTDOH,NJDEP,PADEP,NELAC-NY10854			

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	11/27/2017 11:14	11/27/2017 13:10	TAJ
							Certifications: CTDOH			

TCLP Extraction for METALS EPA 1311

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	11/28/2017 17:37	11/29/2017 10:53	TAJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
17K0899-01	Soil boring SB-1	40mL Vial with Stir Bar-Cool 4° C
17K0899-02	SB-1/MW-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17K0899-03	Soil boring SB-2	40mL Vial with Stir Bar-Cool 4° C
17K0899-04	SB-2/MW-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17K0899-05	Soil boring SB-3	40mL Vial with Stir Bar-Cool 4° C
17K0899-06	Soil boring SB-4	40mL Vial with Stir Bar-Cool 4° C
17K0899-07	SB-4/MW-4	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17K0899-08	Soil boring SB-5	40mL Vial with Stir Bar-Cool 4° C

Sample and Data Qualifiers Relating to This Work Order

SCAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%).
QR-04	The RPD exceeded control limits for the LCS/LCSD QC.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
EXT-D	The sample submitted contained sediment. The aqueous portion was decanted off, the volume measured and used for the extraction. The sediment was not included in the extraction.
EXT-COMP	Completed
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.

Revision Description: This report has been revised to include Metals analysis.

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 17K0899

YOUR Information

Company: DT Consulting Services Inc
Address:
Phone No.
Contact Person: Deborah Trompson
E-Mail Address:

Report To:

Company: Same
Address:
Phone No.
Attention:
E-Mail Address:

Invoice To:

Company: Same
Address:
Phone No.
Attention:
E-Mail Address:

YOUR Project ID

Daily Freeman

Purchase Order No.

Samples from: CT ___ NY ✓ NJ ___

Turn-Around Time

- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) ☑

Report Type

- Summary Report ✓
- Summary w/ QA Summary
- CT RCP Package
- CTRCP DQA/DUE Pkg
- NY ASP A Package
- NY ASP B Package
- NJDEP Red. Deliv.

Electronic Data Deliverables (EDD)

- Simple Excel
- NYSDEC EQuIS
- EQuIS (std)
- EZ-EDD (EQuIS)
- NJDEP SRP HazSite EDD
- GIS/KEY (std)
- Other
- **York Regulatory Comparison**
- **Excel Spreadsheet**

Compare to the following Regs. (please fill in):

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.

Deborah Trompson
Samples Collected/Authorized By (Signature)

Deborah Trompson
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
Soil boring SB-1	11/21/17	S	8260(full) 8270B/N (CP-51) RCRA8	(4)40ml (2)4oz
SB-1/MW-1		GW	8260(full) 8270 B/N (CP-51)	(2)40ml (1)1L
Soil boring SB-2		S	8260 full, 8270 B/N (CP-51) RCRA8	(4)40ml (2)4oz
SB-2-MW-2		GW	8260 full, 8270 B/N (CP-51)	(2)40ml (1)1L
Soil boring SB-3		S	8260 full, 8270 B/N (CP-51), RCRA8	(4)40ml (2)4oz
Soil boring SB-4		S	8260 full, 8270 B/N (CP-51) RCRA8	5
SB-4/MW-4		GW	8260 full, 8270 B/N (CP-51)	(2)40ml (1)1L
Soil boring SB-5	5	S	8260 full, 8270 B/N (CP-51), RCRA8	(4)40ml (2)4oz

Comments

Preservation Check those Applicable
4°C ✓ Frozen ___ HCl ___ MeOH ✓ HNO_3 ___ H_2SO_4 ___ NaOH ___
ZnAc Ascorbic Acid Other

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Deborah Trompson 11/22/17
Samples Relinquished By Date/Time

Samples Relinquished By Date/Time

Chris C 11-22-17 10:05
Samples Received By Date/Time

TC 11/22/17 1525
Samples Received in LAB by Date/Time

Temperature on Receipt 1.2 °C

DT CONSULTING SERVICES, INC.

ATTACHMENT D

Technical Report

prepared for:

DT Consulting Services
1291 Old Post Road
Ulster Park NY, 12487
Attention: Deborah Thompson

Report Date: 12/01/2017
Client Project ID: Daily Freeman
York Project (SDG) No.: 17K0898

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

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

Report Date: 12/01/2017
Client Project ID: Daily Freeman
York Project (SDG) No.: 17K0898

DT Consulting Services
1291 Old Post Road
Ulster Park NY, 12487
Attention: Deborah Thompson

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 22, 2017 and listed below. The project was identified as your project: **Daily Freeman**.

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
17K0898-01	Subslab SS-1	Soil Vapor	11/21/2017	11/22/2017
17K0898-02	Subslab SS-2	Soil Vapor	11/21/2017	11/22/2017
17K0898-03	Subslab SS-3	Soil Vapor	11/21/2017	11/22/2017
17K0898-04	Ambient air AA1	Indoor Ambient Air	11/21/2017	11/22/2017
17K0898-05	Ambient air AA2	Indoor Ambient Air	11/21/2017	11/22/2017

General Notes for York Project (SDG) No.: 17K0898

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: 12/01/2017

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: **Subslab SS-1** **York Sample ID:** **17K0898-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17K0898	Daily Freeman	Soil Vapor	November 21, 2017 3:00 pm	11/22/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.37	0.533	EPA TO-15 Certifications:	11/28/2017 17:36	11/29/2017 15:09	LDS
71-55-6	**1,1,1-Trichloroethane**	**14**		ug/m³	0.29	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	11/28/2017 17:36	11/29/2017 15:09	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.37	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	11/28/2017 17:36	11/29/2017 15:09	LDS
76-13-1	**1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)**	**0.57**		ug/m³	0.41	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	11/28/2017 17:36	11/29/2017 15:09	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.29	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	11/28/2017 17:36	11/29/2017 15:09	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.22	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	11/28/2017 17:36	11/29/2017 15:09	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.053	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	11/28/2017 17:36	11/29/2017 15:09	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.40	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	11/28/2017 17:36	11/29/2017 15:09	LDS
95-63-6	**1,2,4-Trimethylbenzene**	**18**		ug/m³	0.26	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	11/28/2017 17:36	11/29/2017 15:09	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.41	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	11/28/2017 17:36	11/29/2017 15:09	LDS
95-50-1	**1,2-Dichlorobenzene**	**0.48**		ug/m³	0.32	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	11/28/2017 17:36	11/29/2017 15:09	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.22	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	11/28/2017 17:36	11/29/2017 15:09	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.25	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	11/28/2017 17:36	11/29/2017 15:09	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.37	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	11/28/2017 17:36	11/29/2017 15:09	LDS
108-67-8	**1,3,5-Trimethylbenzene**	**4.2**		ug/m³	0.26	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	11/28/2017 17:36	11/29/2017 15:09	LDS
106-99-0	1,3-Butadiene	ND		ug/m³	0.35	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	11/28/2017 17:36	11/29/2017 15:09	LDS
541-73-1	**1,3-Dichlorobenzene**	**0.99**		ug/m³	0.32	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	11/28/2017 17:36	11/29/2017 15:09	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.25	0.533	EPA TO-15 Certifications:	11/28/2017 17:36	11/29/2017 15:09	LDS
106-46-7	**1,4-Dichlorobenzene**	**0.45**		ug/m³	0.32	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	11/28/2017 17:36	11/29/2017 15:09	LDS
123-91-1	1,4-Dioxane	ND		ug/m³	0.38	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	11/28/2017 17:36	11/29/2017 15:09	LDS
78-93-3	**2-Butanone**	**1.7**		ug/m³	0.16	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	11/28/2017 17:36	11/29/2017 15:09	LDS

Sample Information

Client Sample ID: **Subslab SS-1** **York Sample ID:** **17K0898-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17K0898	Daily Freeman	Soil Vapor	November 21, 2017 3:00 pm	11/22/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	* 2-Hexanone	ND		ug/m³	0.44	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 15:09	LDS
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	0.83	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 15:09	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.22	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 15:09	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-64-1	**Acetone**	**23**		ug/m³	0.25	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 15:09	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
107-13-1	Acrylonitrile	ND		ug/m³	0.12	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 15:09	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
71-43-2	**Benzene**	**5.9**		ug/m³	0.17	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 15:09	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
100-44-7	Benzyl chloride	ND		ug/m³	0.28	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 15:09	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-27-4	Bromodichloromethane	ND		ug/m³	0.36	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 15:09	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-25-2	Bromoform	ND		ug/m³	0.55	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 15:09	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-83-9	Bromomethane	ND		ug/m³	0.21	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 15:09	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-15-0	**Carbon disulfide**	**3.1**		ug/m³	0.17	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 15:09	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
56-23-5	**Carbon tetrachloride**	**0.10**		ug/m³	0.084	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 15:09	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-90-7	**Chlorobenzene**	**0.66**		ug/m³	0.25	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 15:09	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-00-3	Chloroethane	ND		ug/m³	0.14	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 15:09	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-66-3	Chloroform	ND		ug/m³	0.26	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 15:09	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-87-3	**Chloromethane**	**0.26**		ug/m³	0.11	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 15:09	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.053	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 15:09	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.24	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 15:09	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-82-7	**Cyclohexane**	**7.6**		ug/m³	0.18	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 15:09	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
124-48-1	Dibromochloromethane	ND		ug/m³	0.45	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 15:09	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-71-8	**Dichlorodifluoromethane**	**13**		ug/m³	0.26	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 15:09	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
141-78-6	* Ethyl acetate	ND		ug/m³	0.38	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 15:09	LDS
							Certifications:			

Sample Information

Client Sample ID: **Subslab SS-1** **York Sample ID:** **17K0898-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17K0898	Daily Freeman	Soil Vapor	November 21, 2017 3:00 pm	11/22/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	**Ethyl Benzene**	**12**		ug/m³	0.23	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 15:09	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.57	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 15:09	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-63-0	**Isopropanol**	**5.0**		ug/m³	0.26	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 15:09	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
80-62-6	Methyl Methacrylate	ND		ug/m³	0.22	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 15:09	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.19	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 15:09	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-09-2	**Methylene chloride**	**1.5**		ug/m³	0.37	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 15:09	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
142-82-5	**n-Heptane**	**0.90**		ug/m³	0.22	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 15:09	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-54-3	**n-Hexane**	**3.6**		ug/m³	0.19	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 15:09	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
95-47-6	**o-Xylene**	**14**		ug/m³	0.23	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 15:09	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
179601-23-1	**p- & m- Xylenes**	**24**		ug/m³	0.46	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 15:09	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
622-96-8	*** p-Ethyltoluene**	**15**		ug/m³	0.26	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 15:09	LDS
							Certifications:			
115-07-1	*** Propylene**	**10**		ug/m³	0.092	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 15:09	LDS
							Certifications:			
100-42-5	**Styrene**	**1.4**		ug/m³	0.23	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 15:09	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
127-18-4	**Tetrachloroethylene**	**1.3**		ug/m³	0.090	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 15:09	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.31	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 15:09	LDS
							Certifications:			
108-88-3	**Toluene**	**50**		ug/m³	0.20	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 15:09	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.21	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 15:09	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.24	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 15:09	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
79-01-6	Trichloroethylene	ND		ug/m³	0.072	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 15:09	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.7**		ug/m³	0.30	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 15:09	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-05-4	Vinyl acetate	ND		ug/m³	0.19	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 15:09	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
593-60-2	Vinyl bromide	ND		ug/m³	0.23	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 15:09	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: **Subslab SS-1** **York Sample ID:** **17K0898-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17K0898	Daily Freeman	Soil Vapor	November 21, 2017 3:00 pm	11/22/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.034	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 15:09	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: **Subslab SS-2** **York Sample ID:** **17K0898-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17K0898	Daily Freeman	Soil Vapor	November 21, 2017 3:00 pm	11/22/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	10	14.51	EPA TO-15	11/29/2017 03:27	11/29/2017 03:27	LDS
							Certifications:			
71-55-6	**1,1,1-Trichloroethane**	**25**		ug/m³	7.9	14.51	EPA TO-15	11/29/2017 03:27	11/29/2017 03:27	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	10	14.51	EPA TO-15	11/29/2017 03:27	11/29/2017 03:27	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	11	14.51	EPA TO-15	11/29/2017 03:27	11/29/2017 03:27	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	7.9	14.51	EPA TO-15	11/29/2017 03:27	11/29/2017 03:27	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-34-3	1,1-Dichloroethane	ND		ug/m³	5.9	14.51	EPA TO-15	11/29/2017 03:27	11/29/2017 03:27	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-35-4	1,1-Dichloroethylene	ND		ug/m³	5.8	14.51	EPA TO-15	11/29/2017 03:27	11/29/2017 03:27	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	11	14.51	EPA TO-15	11/29/2017 03:27	11/29/2017 03:27	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
95-63-6	**1,2,4-Trimethylbenzene**	**49**		ug/m³	7.1	14.51	EPA TO-15	11/29/2017 03:27	11/29/2017 03:27	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
106-93-4	1,2-Dibromoethane	ND		ug/m³	11	14.51	EPA TO-15	11/29/2017 03:27	11/29/2017 03:27	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	8.7	14.51	EPA TO-15	11/29/2017 03:27	11/29/2017 03:27	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
107-06-2	1,2-Dichloroethane	ND		ug/m³	5.9	14.51	EPA TO-15	11/29/2017 03:27	11/29/2017 03:27	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
78-87-5	1,2-Dichloropropane	ND		ug/m³	6.7	14.51	EPA TO-15	11/29/2017 03:27	11/29/2017 03:27	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	10	14.51	EPA TO-15	11/29/2017 03:27	11/29/2017 03:27	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: **Subslab SS-2** **York Sample ID:** **17K0898-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17K0898	Daily Freeman	Soil Vapor	November 21, 2017 3:00 pm	11/22/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	**1,3,5-Trimethylbenzene**	**14**		ug/m³	7.1	14.51	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	11/29/2017 03:27	11/29/2017 03:27	LDS
106-99-0	1,3-Butadiene	ND		ug/m³	9.6	14.51	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	11/29/2017 03:27	11/29/2017 03:27	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	8.7	14.51	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	11/29/2017 03:27	11/29/2017 03:27	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	6.7	14.51	EPA TO-15 Certifications:	11/29/2017 03:27	11/29/2017 03:27	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	8.7	14.51	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	11/29/2017 03:27	11/29/2017 03:27	LDS
123-91-1	1,4-Dioxane	ND		ug/m³	10	14.51	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	11/29/2017 03:27	11/29/2017 03:27	LDS
78-93-3	2-Butanone	ND		ug/m³	4.3	14.51	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	11/29/2017 03:27	11/29/2017 03:27	LDS
591-78-6	* 2-Hexanone	ND		ug/m³	12	14.51	EPA TO-15 Certifications:	11/29/2017 03:27	11/29/2017 03:27	LDS
107-05-1	3-Chloropropene	ND		ug/m³	23	14.51	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	11/29/2017 03:27	11/29/2017 03:27	LDS
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	5.9	14.51	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	11/29/2017 03:27	11/29/2017 03:27	LDS
67-64-1	**Acetone**	**11**		ug/m³	6.9	14.51	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	11/29/2017 03:27	11/29/2017 03:27	LDS
107-13-1	Acrylonitrile	ND		ug/m³	3.1	14.51	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	11/29/2017 03:27	11/29/2017 03:27	LDS
71-43-2	**Benzene**	**8.8**		ug/m³	4.6	14.51	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	11/29/2017 03:27	11/29/2017 03:27	LDS
100-44-7	Benzyl chloride	ND		ug/m³	7.5	14.51	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	11/29/2017 03:27	11/29/2017 03:27	LDS
75-27-4	Bromodichloromethane	ND		ug/m³	9.7	14.51	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	11/29/2017 03:27	11/29/2017 03:27	LDS
75-25-2	Bromoform	ND		ug/m³	15	14.51	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	11/29/2017 03:27	11/29/2017 03:27	LDS
74-83-9	Bromomethane	ND		ug/m³	5.6	14.51	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	11/29/2017 03:27	11/29/2017 03:27	LDS
75-15-0	Carbon disulfide	ND		ug/m³	4.5	14.51	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	11/29/2017 03:27	11/29/2017 03:27	LDS
56-23-5	Carbon tetrachloride	ND		ug/m³	2.3	14.51	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	11/29/2017 03:27	11/29/2017 03:27	LDS
108-90-7	Chlorobenzene	ND		ug/m³	6.7	14.51	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	11/29/2017 03:27	11/29/2017 03:27	LDS
75-00-3	Chloroethane	ND		ug/m³	3.8	14.51	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	11/29/2017 03:27	11/29/2017 03:27	LDS
67-66-3	Chloroform	ND		ug/m³	7.1	14.51	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	11/29/2017 03:27	11/29/2017 03:27	LDS

Sample Information

Client Sample ID: **Subslab SS-2** **York Sample ID:** **17K0898-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17K0898	Daily Freeman	Soil Vapor	November 21, 2017 3:00 pm	11/22/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		ug/m³	3.0	14.51	EPA TO-15	11/29/2017 03:27	11/29/2017 03:27	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	5.8	14.51	EPA TO-15	11/29/2017 03:27	11/29/2017 03:27	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	6.6	14.51	EPA TO-15	11/29/2017 03:27	11/29/2017 03:27	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-82-7	**Cyclohexane**	**9.0**		ug/m³	5.0	14.51	EPA TO-15	11/29/2017 03:27	11/29/2017 03:27	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
124-48-1	Dibromochloromethane	ND		ug/m³	12	14.51	EPA TO-15	11/29/2017 03:27	11/29/2017 03:27	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-71-8	**Dichlorodifluoromethane**	**870**		ug/m³	7.2	14.51	EPA TO-15	11/29/2017 03:27	11/29/2017 03:27	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
141-78-6	* Ethyl acetate	ND		ug/m³	10	14.51	EPA TO-15	11/29/2017 03:27	11/29/2017 03:27	LDS
							Certifications:			
100-41-4	**Ethyl Benzene**	**19**		ug/m³	6.3	14.51	EPA TO-15	11/29/2017 03:27	11/29/2017 03:27	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
87-68-3	Hexachlorobutadiene	ND		ug/m³	15	14.51	EPA TO-15	11/29/2017 03:27	11/29/2017 03:27	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-63-0	Isopropanol	ND		ug/m³	7.1	14.51	EPA TO-15	11/29/2017 03:27	11/29/2017 03:27	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
80-62-6	Methyl Methacrylate	ND		ug/m³	5.9	14.51	EPA TO-15	11/29/2017 03:27	11/29/2017 03:27	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	5.2	14.51	EPA TO-15	11/29/2017 03:27	11/29/2017 03:27	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-09-2	Methylene chloride	ND		ug/m³	10	14.51	EPA TO-15	11/29/2017 03:27	11/29/2017 03:27	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
142-82-5	n-Heptane	ND		ug/m³	5.9	14.51	EPA TO-15	11/29/2017 03:27	11/29/2017 03:27	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-54-3	n-Hexane	ND		ug/m³	5.1	14.51	EPA TO-15	11/29/2017 03:27	11/29/2017 03:27	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
95-47-6	**o-Xylene**	**24**		ug/m³	6.3	14.51	EPA TO-15	11/29/2017 03:27	11/29/2017 03:27	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
179601-23-1	**p- & m- Xylenes**	**44**		ug/m³	13	14.51	EPA TO-15	11/29/2017 03:27	11/29/2017 03:27	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
622-96-8	*** p-Ethyltoluene**	**40**		ug/m³	7.1	14.51	EPA TO-15	11/29/2017 03:27	11/29/2017 03:27	LDS
							Certifications:			
115-07-1	*** Propylene**	**7.2**		ug/m³	2.5	14.51	EPA TO-15	11/29/2017 03:27	11/29/2017 03:27	LDS
							Certifications:			
100-42-5	Styrene	ND		ug/m³	6.2	14.51	EPA TO-15	11/29/2017 03:27	11/29/2017 03:27	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
127-18-4	**Tetrachloroethylene**	**250**		ug/m³	2.5	14.51	EPA TO-15	11/29/2017 03:27	11/29/2017 03:27	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
109-99-9	* Tetrahydrofuran	ND		ug/m³	8.6	14.51	EPA TO-15	11/29/2017 03:27	11/29/2017 03:27	LDS
							Certifications:			

Sample Information

Client Sample ID: **Subslab SS-2** **York Sample ID:** **17K0898-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17K0898	Daily Freeman	Soil Vapor	November 21, 2017 3:00 pm	11/22/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	**Toluene**	**89**		ug/m³	5.5	14.51	EPA TO-15	11/29/2017 03:27	11/29/2017 03:27	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	5.8	14.51	EPA TO-15	11/29/2017 03:27	11/29/2017 03:27	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	6.6	14.51	EPA TO-15	11/29/2017 03:27	11/29/2017 03:27	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
79-01-6	Trichloroethylene	ND		ug/m³	1.9	14.51	EPA TO-15	11/29/2017 03:27	11/29/2017 03:27	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	8.2	14.51	EPA TO-15	11/29/2017 03:27	11/29/2017 03:27	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-05-4	Vinyl acetate	ND		ug/m³	5.1	14.51	EPA TO-15	11/29/2017 03:27	11/29/2017 03:27	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
593-60-2	Vinyl bromide	ND		ug/m³	6.3	14.51	EPA TO-15	11/29/2017 03:27	11/29/2017 03:27	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-01-4	Vinyl Chloride	ND		ug/m³	3.7	14.51	EPA TO-15	11/29/2017 03:27	11/29/2017 03:27	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: **Subslab SS-3** **York Sample ID:** **17K0898-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17K0898	Daily Freeman	Soil Vapor	November 21, 2017 3:00 pm	11/22/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	11	16.41	EPA TO-15	11/29/2017 04:28	11/29/2017 04:28	LDS
							Certifications:			
71-55-6	**1,1,1-Trichloroethane**	**12**		ug/m³	9.0	16.41	EPA TO-15	11/29/2017 04:28	11/29/2017 04:28	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	11	16.41	EPA TO-15	11/29/2017 04:28	11/29/2017 04:28	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	13	16.41	EPA TO-15	11/29/2017 04:28	11/29/2017 04:28	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	9.0	16.41	EPA TO-15	11/29/2017 04:28	11/29/2017 04:28	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-34-3	**1,1-Dichloroethane**	**65**		ug/m³	6.6	16.41	EPA TO-15	11/29/2017 04:28	11/29/2017 04:28	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-35-4	1,1-Dichloroethylene	ND		ug/m³	6.5	16.41	EPA TO-15	11/29/2017 04:28	11/29/2017 04:28	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: **Subslab SS-3** **York Sample ID:** **17K0898-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17K0898	Daily Freeman	Soil Vapor	November 21, 2017 3:00 pm	11/22/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	12	16.41	EPA TO-15	11/29/2017 04:28	11/29/2017 04:28	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
95-63-6	**1,2,4-Trimethylbenzene**	**2500**	IS-LO	ug/m³	64	131	EPA TO-15	12/01/2017 12:00	12/01/2017 13:14	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
106-93-4	1,2-Dibromoethane	ND		ug/m³	13	16.41	EPA TO-15	11/29/2017 04:28	11/29/2017 04:28	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	9.9	16.41	EPA TO-15	11/29/2017 04:28	11/29/2017 04:28	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
107-06-2	1,2-Dichloroethane	ND		ug/m³	6.6	16.41	EPA TO-15	11/29/2017 04:28	11/29/2017 04:28	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
78-87-5	1,2-Dichloropropane	ND		ug/m³	7.6	16.41	EPA TO-15	11/29/2017 04:28	11/29/2017 04:28	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	11	16.41	EPA TO-15	11/29/2017 04:28	11/29/2017 04:28	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-67-8	**1,3,5-Trimethylbenzene**	**1500**	IS-LO	ug/m³	64	131	EPA TO-15	12/01/2017 12:00	12/01/2017 13:14	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
106-99-0	1,3-Butadiene	ND		ug/m³	11	16.41	EPA TO-15	11/29/2017 04:28	11/29/2017 04:28	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	9.9	16.41	EPA TO-15	11/29/2017 04:28	11/29/2017 04:28	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	7.6	16.41	EPA TO-15	11/29/2017 04:28	11/29/2017 04:28	LDS
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	9.9	16.41	EPA TO-15	11/29/2017 04:28	11/29/2017 04:28	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
123-91-1	1,4-Dioxane	ND		ug/m³	12	16.41	EPA TO-15	11/29/2017 04:28	11/29/2017 04:28	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
78-93-3	**2-Butanone**	**48**		ug/m³	4.8	16.41	EPA TO-15	11/29/2017 04:28	11/29/2017 04:28	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
591-78-6	* 2-Hexanone	ND		ug/m³	13	16.41	EPA TO-15	11/29/2017 04:28	11/29/2017 04:28	LDS
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	26	16.41	EPA TO-15	11/29/2017 04:28	11/29/2017 04:28	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	6.7	16.41	EPA TO-15	11/29/2017 04:28	11/29/2017 04:28	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-64-1	**Acetone**	**4300**		ug/m³	62	131	EPA TO-15	12/01/2017 12:00	12/01/2017 13:14	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
107-13-1	Acrylonitrile	ND		ug/m³	3.6	16.41	EPA TO-15	11/29/2017 04:28	11/29/2017 04:28	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
71-43-2	**Benzene**	**32**		ug/m³	5.2	16.41	EPA TO-15	11/29/2017 04:28	11/29/2017 04:28	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
100-44-7	Benzyl chloride	ND		ug/m³	8.5	16.41	EPA TO-15	11/29/2017 04:28	11/29/2017 04:28	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-27-4	Bromodichloromethane	ND		ug/m³	11	16.41	EPA TO-15	11/29/2017 04:28	11/29/2017 04:28	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: **Subslab SS-3** **York Sample ID:** **17K0898-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17K0898	Daily Freeman	Soil Vapor	November 21, 2017 3:00 pm	11/22/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-25-2	Bromoform	ND		ug/m³	17	16.41	EPA TO-15	11/29/2017 04:28	11/29/2017 04:28	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-83-9	Bromomethane	ND		ug/m³	6.4	16.41	EPA TO-15	11/29/2017 04:28	11/29/2017 04:28	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-15-0	**Carbon disulfide**	**6.6**		ug/m³	5.1	16.41	EPA TO-15	11/29/2017 04:28	11/29/2017 04:28	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
56-23-5	Carbon tetrachloride	ND		ug/m³	2.6	16.41	EPA TO-15	11/29/2017 04:28	11/29/2017 04:28	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-90-7	Chlorobenzene	ND		ug/m³	7.6	16.41	EPA TO-15	11/29/2017 04:28	11/29/2017 04:28	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-00-3	Chloroethane	ND		ug/m³	4.3	16.41	EPA TO-15	11/29/2017 04:28	11/29/2017 04:28	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-66-3	**Chloroform**	**33**		ug/m³	8.0	16.41	EPA TO-15	11/29/2017 04:28	11/29/2017 04:28	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-87-3	Chloromethane	ND		ug/m³	3.4	16.41	EPA TO-15	11/29/2017 04:28	11/29/2017 04:28	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	6.5	16.41	EPA TO-15	11/29/2017 04:28	11/29/2017 04:28	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	7.4	16.41	EPA TO-15	11/29/2017 04:28	11/29/2017 04:28	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-82-7	**Cyclohexane**	**18**		ug/m³	5.6	16.41	EPA TO-15	11/29/2017 04:28	11/29/2017 04:28	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
124-48-1	Dibromochloromethane	ND		ug/m³	14	16.41	EPA TO-15	11/29/2017 04:28	11/29/2017 04:28	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-71-8	**Dichlorodifluoromethane**	**1900**		ug/m³	8.1	16.41	EPA TO-15	11/29/2017 04:28	11/29/2017 04:28	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
141-78-6	* Ethyl acetate	ND		ug/m³	12	16.41	EPA TO-15	11/29/2017 04:28	11/29/2017 04:28	LDS
							Certifications:			
100-41-4	**Ethyl Benzene**	**1600**		ug/m³	57	131	EPA TO-15	12/01/2017 12:00	12/01/2017 13:14	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
87-68-3	Hexachlorobutadiene	ND		ug/m³	18	16.41	EPA TO-15	11/29/2017 04:28	11/29/2017 04:28	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-63-0	**Isopropanol**	**210**		ug/m³	8.1	16.41	EPA TO-15	11/29/2017 04:28	11/29/2017 04:28	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
80-62-6	Methyl Methacrylate	ND		ug/m³	6.7	16.41	EPA TO-15	11/29/2017 04:28	11/29/2017 04:28	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	5.9	16.41	EPA TO-15	11/29/2017 04:28	11/29/2017 04:28	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-09-2	**Methylene chloride**	**430**		ug/m³	11	16.41	EPA TO-15	11/29/2017 04:28	11/29/2017 04:28	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
142-82-5	**n-Heptane**	**42**		ug/m³	6.7	16.41	EPA TO-15	11/29/2017 04:28	11/29/2017 04:28	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-54-3	**n-Hexane**	**56**		ug/m³	5.8	16.41	EPA TO-15	11/29/2017 04:28	11/29/2017 04:28	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: **Subslab SS-3** **York Sample ID:** **17K0898-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17K0898	Daily Freeman	Soil Vapor	November 21, 2017 3:00 pm	11/22/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-47-6	**o-Xylene**	**1700**	IS-LO	ug/m³	57	131	EPA TO-15	12/01/2017 12:00	12/01/2017 13:14	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
179601-23-1	**p- & m- Xylenes**	**4700**	IS-LO	ug/m³	110	131	EPA TO-15	12/01/2017 12:00	12/01/2017 13:14	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
622-96-8	*** p-Ethyltoluene**	**3400**	IS-LO	ug/m³	64	131	EPA TO-15	12/01/2017 12:00	12/01/2017 13:14	LDS
							Certifications:			
115-07-1	*** Propylene**	**16**		ug/m³	2.8	16.41	EPA TO-15	11/29/2017 04:28	11/29/2017 04:28	LDS
							Certifications:			
100-42-5	Styrene	ND		ug/m³	7.0	16.41	EPA TO-15	11/29/2017 04:28	11/29/2017 04:28	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
127-18-4	**Tetrachloroethylene**	**29000**		ug/m³	22	131	EPA TO-15	12/01/2017 12:00	12/01/2017 13:14	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
109-99-9	* Tetrahydrofuran	ND		ug/m³	9.7	16.41	EPA TO-15	11/29/2017 04:28	11/29/2017 04:28	LDS
							Certifications:			
108-88-3	**Toluene**	**290**		ug/m³	6.2	16.41	EPA TO-15	11/29/2017 04:28	11/29/2017 04:28	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-60-5	**trans-1,2-Dichloroethylene**	**94**		ug/m³	6.5	16.41	EPA TO-15	11/29/2017 04:28	11/29/2017 04:28	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	7.4	16.41	EPA TO-15	11/29/2017 04:28	11/29/2017 04:28	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
79-01-6	**Trichloroethylene**	**1000**		ug/m³	2.2	16.41	EPA TO-15	11/29/2017 04:28	11/29/2017 04:28	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	9.2	16.41	EPA TO-15	11/29/2017 04:28	11/29/2017 04:28	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-05-4	Vinyl acetate	ND		ug/m³	5.8	16.41	EPA TO-15	11/29/2017 04:28	11/29/2017 04:28	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
593-60-2	Vinyl bromide	ND		ug/m³	7.2	16.41	EPA TO-15	11/29/2017 04:28	11/29/2017 04:28	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-01-4	Vinyl Chloride	ND		ug/m³	4.2	16.41	EPA TO-15	11/29/2017 04:28	11/29/2017 04:28	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*89.3 %*	*70-130*

Sample Information

Client Sample ID: **Ambient air AA1** **York Sample ID:** **17K0898-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17K0898	Daily Freeman	Indoor Ambient Air	November 21, 2017 3:00 pm	11/22/2017

Sample Information

Client Sample ID: **Ambient air AA1**

York Sample ID: **17K0898-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17K0898	Daily Freeman	Indoor Ambient Air	November 21, 2017 3:00 pm	11/22/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.37	0.533	EPA TO-15 Certifications:	12/01/2017 04:54	12/01/2017 04:54	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.29	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/01/2017 04:54	12/01/2017 04:54	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.37	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/01/2017 04:54	12/01/2017 04:54	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.41	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/01/2017 04:54	12/01/2017 04:54	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.29	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/01/2017 04:54	12/01/2017 04:54	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.22	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/01/2017 04:54	12/01/2017 04:54	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.053	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/01/2017 04:54	12/01/2017 04:54	LDS
120-82-1	**1,2,4-Trichlorobenzene**	**0.47**		ug/m³	0.40	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/01/2017 04:54	12/01/2017 04:54	LDS
95-63-6	**1,2,4-Trimethylbenzene**	**3.4**		ug/m³	0.26	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/01/2017 04:54	12/01/2017 04:54	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.41	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/01/2017 04:54	12/01/2017 04:54	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.32	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/01/2017 04:54	12/01/2017 04:54	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.22	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/01/2017 04:54	12/01/2017 04:54	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.25	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/01/2017 04:54	12/01/2017 04:54	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.37	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/01/2017 04:54	12/01/2017 04:54	LDS
108-67-8	**1,3,5-Trimethylbenzene**	**1.5**		ug/m³	0.26	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/01/2017 04:54	12/01/2017 04:54	LDS
106-99-0	1,3-Butadiene	ND		ug/m³	0.35	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/01/2017 04:54	12/01/2017 04:54	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.32	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/01/2017 04:54	12/01/2017 04:54	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.25	0.533	EPA TO-15 Certifications:	12/01/2017 04:54	12/01/2017 04:54	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.32	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/01/2017 04:54	12/01/2017 04:54	LDS
123-91-1	1,4-Dioxane	ND		ug/m³	0.38	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/01/2017 04:54	12/01/2017 04:54	LDS
78-93-3	**2-Butanone**	**0.38**		ug/m³	0.16	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/01/2017 04:54	12/01/2017 04:54	LDS
591-78-6	* 2-Hexanone	ND		ug/m³	0.44	0.533	EPA TO-15 Certifications:	12/01/2017 04:54	12/01/2017 04:54	LDS

Sample Information

Client Sample ID: **Ambient air AA1** **York Sample ID:** **17K0898-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17K0898	Daily Freeman	Indoor Ambient Air	November 21, 2017 3:00 pm	11/22/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	0.83	0.533	EPA TO-15	12/01/2017 04:54	12/01/2017 04:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.22	0.533	EPA TO-15	12/01/2017 04:54	12/01/2017 04:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-64-1	**Acetone**	**4.0**		ug/m³	0.25	0.533	EPA TO-15	12/01/2017 04:54	12/01/2017 04:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
107-13-1	Acrylonitrile	ND		ug/m³	0.12	0.533	EPA TO-15	12/01/2017 04:54	12/01/2017 04:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
71-43-2	**Benzene**	**0.73**		ug/m³	0.17	0.533	EPA TO-15	12/01/2017 04:54	12/01/2017 04:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
100-44-7	Benzyl chloride	ND		ug/m³	0.28	0.533	EPA TO-15	12/01/2017 04:54	12/01/2017 04:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-27-4	Bromodichloromethane	ND		ug/m³	0.36	0.533	EPA TO-15	12/01/2017 04:54	12/01/2017 04:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-25-2	Bromoform	ND		ug/m³	0.55	0.533	EPA TO-15	12/01/2017 04:54	12/01/2017 04:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-83-9	Bromomethane	ND		ug/m³	0.21	0.533	EPA TO-15	12/01/2017 04:54	12/01/2017 04:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-15-0	Carbon disulfide	ND		ug/m³	0.17	0.533	EPA TO-15	12/01/2017 04:54	12/01/2017 04:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
56-23-5	**Carbon tetrachloride**	**0.30**		ug/m³	0.084	0.533	EPA TO-15	12/01/2017 04:54	12/01/2017 04:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-90-7	Chlorobenzene	ND		ug/m³	0.25	0.533	EPA TO-15	12/01/2017 04:54	12/01/2017 04:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-00-3	Chloroethane	ND		ug/m³	0.14	0.533	EPA TO-15	12/01/2017 04:54	12/01/2017 04:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-66-3	Chloroform	ND		ug/m³	0.26	0.533	EPA TO-15	12/01/2017 04:54	12/01/2017 04:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-87-3	**Chloromethane**	**0.84**		ug/m³	0.11	0.533	EPA TO-15	12/01/2017 04:54	12/01/2017 04:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.053	0.533	EPA TO-15	12/01/2017 04:54	12/01/2017 04:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.24	0.533	EPA TO-15	12/01/2017 04:54	12/01/2017 04:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-82-7	**Cyclohexane**	**0.48**		ug/m³	0.18	0.533	EPA TO-15	12/01/2017 04:54	12/01/2017 04:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
124-48-1	Dibromochloromethane	ND		ug/m³	0.45	0.533	EPA TO-15	12/01/2017 04:54	12/01/2017 04:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-71-8	**Dichlorodifluoromethane**	**5.1**		ug/m³	0.26	0.533	EPA TO-15	12/01/2017 04:54	12/01/2017 04:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
141-78-6	* Ethyl acetate	ND		ug/m³	0.38	0.533	EPA TO-15	12/01/2017 04:54	12/01/2017 04:54	LDS
							Certifications:			
100-41-4	**Ethyl Benzene**	**1.4**		ug/m³	0.23	0.533	EPA TO-15	12/01/2017 04:54	12/01/2017 04:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: **Ambient air AA1** **York Sample ID:** **17K0898-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17K0898	Daily Freeman	Indoor Ambient Air	November 21, 2017 3:00 pm	11/22/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	**Hexachlorobutadiene**	**0.68**		ug/m³	0.57	0.533	EPA TO-15	12/01/2017 04:54	12/01/2017 04:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-63-0	**Isopropanol**	**0.41**		ug/m³	0.26	0.533	EPA TO-15	12/01/2017 04:54	12/01/2017 04:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
80-62-6	Methyl Methacrylate	ND		ug/m³	0.22	0.533	EPA TO-15	12/01/2017 04:54	12/01/2017 04:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.19	0.533	EPA TO-15	12/01/2017 04:54	12/01/2017 04:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-09-2	Methylene chloride	ND		ug/m³	0.37	0.533	EPA TO-15	12/01/2017 04:54	12/01/2017 04:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
142-82-5	**n-Heptane**	**0.61**		ug/m³	0.22	0.533	EPA TO-15	12/01/2017 04:54	12/01/2017 04:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-54-3	**n-Hexane**	**1.1**		ug/m³	0.19	0.533	EPA TO-15	12/01/2017 04:54	12/01/2017 04:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
95-47-6	**o-Xylene**	**1.6**		ug/m³	0.23	0.533	EPA TO-15	12/01/2017 04:54	12/01/2017 04:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
179601-23-1	**p- & m- Xylenes**	**4.6**		ug/m³	0.46	0.533	EPA TO-15	12/01/2017 04:54	12/01/2017 04:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
622-96-8	*** p-Ethyltoluene**	**3.4**		ug/m³	0.26	0.533	EPA TO-15	12/01/2017 04:54	12/01/2017 04:54	LDS
							Certifications:			
115-07-1	*** Propylene**	**0.61**		ug/m³	0.092	0.533	EPA TO-15	12/01/2017 04:54	12/01/2017 04:54	LDS
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.23	0.533	EPA TO-15	12/01/2017 04:54	12/01/2017 04:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
127-18-4	**Tetrachloroethylene**	**6.6**		ug/m³	0.090	0.533	EPA TO-15	12/01/2017 04:54	12/01/2017 04:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.31	0.533	EPA TO-15	12/01/2017 04:54	12/01/2017 04:54	LDS
							Certifications:			
108-88-3	**Toluene**	**96**	E	ug/m³	0.20	0.533	EPA TO-15	12/01/2017 04:54	12/01/2017 04:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.21	0.533	EPA TO-15	12/01/2017 04:54	12/01/2017 04:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.24	0.533	EPA TO-15	12/01/2017 04:54	12/01/2017 04:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
79-01-6	**Trichloroethylene**	**0.20**		ug/m³	0.072	0.533	EPA TO-15	12/01/2017 04:54	12/01/2017 04:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-69-4	**Trichlorofluoromethane (Freon 11)**	**0.78**		ug/m³	0.30	0.533	EPA TO-15	12/01/2017 04:54	12/01/2017 04:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-05-4	Vinyl acetate	ND		ug/m³	0.19	0.533	EPA TO-15	12/01/2017 04:54	12/01/2017 04:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
593-60-2	Vinyl bromide	ND		ug/m³	0.23	0.533	EPA TO-15	12/01/2017 04:54	12/01/2017 04:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-01-4	Vinyl Chloride	ND		ug/m³	0.034	0.533	EPA TO-15	12/01/2017 04:54	12/01/2017 04:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: **Ambient air AA1** **York Sample ID:** **17K0898-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17K0898	Daily Freeman	Indoor Ambient Air	November 21, 2017 3:00 pm	11/22/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	*Surrogate: p-Bromofluorobenzene*	*92.1 %*			*70-130*					

Sample Information

Client Sample ID: **Ambient air AA2** **York Sample ID:** **17K0898-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17K0898	Daily Freeman	Indoor Ambient Air	November 21, 2017 3:00 pm	11/22/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.37	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 06:46	LDS
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.29	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 06:46	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.37	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 06:46	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	**1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)**	**0.41**		ug/m³	0.41	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 06:46	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.29	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 06:46	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.22	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 06:46	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.053	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 06:46	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.40	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 06:46	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**3.6**		ug/m³	0.26	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 06:46	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.41	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 06:46	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.32	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 06:46	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.22	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 06:46	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.25	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 06:46	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.37	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 06:46	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: **Ambient air AA2** **York Sample ID:** **17K0898-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17K0898	Daily Freeman	Indoor Ambient Air	November 21, 2017 3:00 pm	11/22/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	**1,3,5-Trimethylbenzene**	**1.3**		ug/m³	0.26	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 06:46	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
106-99-0	1,3-Butadiene	ND		ug/m³	0.35	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 06:46	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.32	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 06:46	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.25	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 06:46	LDS
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.32	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 06:46	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
123-91-1	1,4-Dioxane	ND		ug/m³	0.38	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 06:46	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
78-93-3	**2-Butanone**	**0.49**		ug/m³	0.16	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 06:46	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
591-78-6	* 2-Hexanone	ND		ug/m³	0.44	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 06:46	LDS
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	0.83	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 06:46	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-10-1	**4-Methyl-2-pentanone**	**0.41**		ug/m³	0.22	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 06:46	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-64-1	**Acetone**	**4.7**		ug/m³	0.25	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 06:46	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
107-13-1	Acrylonitrile	ND		ug/m³	0.12	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 06:46	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
71-43-2	**Benzene**	**0.83**		ug/m³	0.17	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 06:46	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
100-44-7	Benzyl chloride	ND		ug/m³	0.28	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 06:46	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-27-4	Bromodichloromethane	ND		ug/m³	0.36	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 06:46	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-25-2	Bromoform	ND		ug/m³	0.55	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 06:46	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-83-9	Bromomethane	ND		ug/m³	0.21	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 06:46	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-15-0	**Carbon disulfide**	**0.17**		ug/m³	0.17	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 06:46	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
56-23-5	**Carbon tetrachloride**	**0.34**		ug/m³	0.084	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 06:46	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-90-7	Chlorobenzene	ND		ug/m³	0.25	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 06:46	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-00-3	Chloroethane	ND		ug/m³	0.14	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 06:46	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-66-3	Chloroform	ND		ug/m³	0.26	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 06:46	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: **Ambient air AA2** **York Sample ID:** **17K0898-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17K0898	Daily Freeman	Indoor Ambient Air	November 21, 2017 3:00 pm	11/22/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	**Chloromethane**	**0.80**		ug/m³	0.11	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	11/28/2017 17:36	11/29/2017 06:46	LDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.053	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	11/28/2017 17:36	11/29/2017 06:46	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.24	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	11/28/2017 17:36	11/29/2017 06:46	LDS
110-82-7	**Cyclohexane**	**0.59**		ug/m³	0.18	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	11/28/2017 17:36	11/29/2017 06:46	LDS
124-48-1	Dibromochloromethane	ND		ug/m³	0.45	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	11/28/2017 17:36	11/29/2017 06:46	LDS
75-71-8	**Dichlorodifluoromethane**	**5.9**		ug/m³	0.26	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	11/28/2017 17:36	11/29/2017 06:46	LDS
141-78-6	* Ethyl acetate	ND		ug/m³	0.38	0.533	EPA TO-15 Certifications:	11/28/2017 17:36	11/29/2017 06:46	LDS
100-41-4	**Ethyl Benzene**	**1.6**		ug/m³	0.23	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	11/28/2017 17:36	11/29/2017 06:46	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.57	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	11/28/2017 17:36	11/29/2017 06:46	LDS
67-63-0	**Isopropanol**	**0.51**		ug/m³	0.26	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	11/28/2017 17:36	11/29/2017 06:46	LDS
80-62-6	Methyl Methacrylate	ND		ug/m³	0.22	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	11/28/2017 17:36	11/29/2017 06:46	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.19	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	11/28/2017 17:36	11/29/2017 06:46	LDS
75-09-2	**Methylene chloride**	**0.94**		ug/m³	0.37	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	11/28/2017 17:36	11/29/2017 06:46	LDS
142-82-5	**n-Heptane**	**0.72**		ug/m³	0.22	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	11/28/2017 17:36	11/29/2017 06:46	LDS
110-54-3	**n-Hexane**	**2.3**		ug/m³	0.19	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	11/28/2017 17:36	11/29/2017 06:46	LDS
95-47-6	**o-Xylene**	**1.7**		ug/m³	0.23	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	11/28/2017 17:36	11/29/2017 06:46	LDS
179601-23-1	**p- & m- Xylenes**	**5.2**		ug/m³	0.46	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	11/28/2017 17:36	11/29/2017 06:46	LDS
622-96-8	* **p-Ethyltoluene**	**3.6**		ug/m³	0.26	0.533	EPA TO-15 Certifications:	11/28/2017 17:36	11/29/2017 06:46	LDS
115-07-1	* **Propylene**	**0.77**		ug/m³	0.092	0.533	EPA TO-15 Certifications:	11/28/2017 17:36	11/29/2017 06:46	LDS
100-42-5	Styrene	ND		ug/m³	0.23	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	11/28/2017 17:36	11/29/2017 06:46	LDS
127-18-4	**Tetrachloroethylene**	**0.80**		ug/m³	0.090	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	11/28/2017 17:36	11/29/2017 06:46	LDS
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.31	0.533	EPA TO-15 Certifications:	11/28/2017 17:36	11/29/2017 06:46	LDS

Sample Information

Client Sample ID: **Ambient air AA2** **York Sample ID:** **17K0898-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17K0898	Daily Freeman	Indoor Ambient Air	November 21, 2017 3:00 pm	11/22/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	**Toluene**	**360**		ug/m³	5.9	15.7	EPA TO-15	12/01/2017 05:56	12/01/2017 05:56	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.21	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 06:46	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.24	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 06:46	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	Trichloroethylene	ND		ug/m³	0.072	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 06:46	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**0.96**		ug/m³	0.30	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 06:46	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	0.19	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 06:46	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	0.23	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 06:46	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND		ug/m³	0.034	0.533	EPA TO-15	11/28/2017 17:36	11/29/2017 06:46	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*87.1 %*	*70-130*

Sample and Data Qualifiers Relating to This Work Order

QL-03	This LCS analyte recovered outside of acceptance limits. The LCS contains approximately 70 compounds, a limited number of which may be outside acceptance windows.
IS-LO	The internal std associated with this target compound did not meet acceptance criteria (area <50% CCV) at the stated dilution due to matrix effects. Sample was rerun to confirm matrix effects.
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
CCV-A	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>30% Difference for average Rf). This applies to dectected analytes only.

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.

Field Chain-of-Custody Record - AIR

YORK ANALYTICAL LABORATORIES INC

NOTE: York's Std. Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

York Project No. 17K0898

YOUR Information
Company: DT Consulting Services Inc
Address:
Phone No.
Contact Person: Deborah Thompson
E-Mail Address:

Report To:
Company: Same
Address:
Phone No.
Attention:
E-Mail Address:

Invoice To:
Company: Same
Address:
Phone No.
Attention:
E-Mail Address:

YOUR Project ID
Daily Freeman

Purchase Order No.

Samples from: CT___ NY X NJ___

Turn-Around Time
RUSH - Same Day ☐
RUSH - Next Day ☐
RUSH - Two Day ☐
RUSH - Three Day ☐
RUSH - Four Day ☐
Standard(5-7 Days) X

Report Type/Deliverables
Summary Report X
Summary w/ QA Summary ___
CT RCP Package ___
NY ASP A Package ___
NY ASP B/CLP Pkg ___
NJDEP Reduced ___
Electronic Deliverables:
EDD (Specify Type) ___
Standard Excel ___
Regulatory Comparison Excel ___

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.

Deborah Thompson
Samples Collected/Authorized By (Signature)
Deborah Thompson
Name (printed)

Air Matrix Codes
AI - INDOOR Ambient Air
AO- OUTDOOR Amb. Air
AE- Vapor Extraction Well/ Process Gas/Effluent
AS- SOIL Vapor/Sub-Slab

Additional Notes:

Please enter the following Field Data

Detection Limits Required
≤ 1 ug/m³ ✓
NYSDEC VI Limits ___
(VI =vapor instrusion)
NJDEP low level ___
Routine Survey ___
Other ___

Special Instructions

Sample Identification	Date Sampled	AIR Matrix	Canister Vacuum Before Sampling (in. Hg)	Canister Vacuum After Sampling (in. Hg)	Canister ID	Flow Cont.ID	ANALYSES REQUESTED	Sampling Media
Subslab SS-1	11/21/17	AS	-30	0	18303	T16	TO-15	6 Liter canister ✓ Tedlar Bag
SS-2			-30	-1	15529	T13		6 Liter canister ✓ Tedlar Bag
SS-3			-30	-4	18295	T10		6 Liter canister ✓ Tedlar Bag
Ambient air AA1		AI	-29	-4	18294	T2		6 Liter canister ✓ Tedlar Bag
AA2			-29	-6	23798	T1		6 Liter canister ✓ Tedlar Bag
								6 Liter canister ___ Tedlar Bag
								6 Liter canister ___ Tedlar Bag
								6 Liter canister ___ Tedlar Bag
								6 Liter canister ___ Tedlar Bag
								6 Liter canister ___ Tedlar Bag
								6 Liter canister ___ Tedlar Bag

Comments

Deborah Thompson 11/22/17
Samples Relinquished By Date/Time
11/22/17 1948
Samples Relinquished By Date/Time

11-22-17 11:05
Samples Received By Date/Time
11-22-17 2145
Samples Received in LAB by Date/Time

SAMPLES CONES 11.22.17 21:45