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REPORT

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City of Kingston
420 Broadway
Kingston, New York 12401
Brownfield Grant #BF96274600

Phase II Environmental Site Assessment Report 615 Broadway



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EXECUTIVE SUMMARY

Weston & Sampson PE, LS, LA, PC (Weston & Sampson), on behalf of the City of Kingston (the City), has performed this Phase II Environmental Site Assessment (Phase II ESA) for a 0.917-acre commercial property located at 615 Broadway, in Kingston, New York (the Site). A Cooperative Agreement between the City and the United States Environmental Protection Agency (EPA) through a Brownfields Assessment Grant (BF96274600) funded this Phase II ESA. The intent of this Phase II ESA was to investigate the Recognized Environmental Conditions (RECs) identified during the Phase I ESA and to identify potential contaminants of concern (COCs), likely source(s), and the potential extent of contamination in affected media.

In June 2019, eight (8) soil borings were advanced at the Site and six (6) of these borings were completed as groundwater monitoring wells. Soil analysis was completed at two (2) depth intervals within each soil boring. Two (2) rounds of groundwater monitoring were also completed in June 2019 and November 2019. Soil samples were analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), polychlorinated biphenyl (PCBs) and metals. Groundwater samples were analyzed for VOCs, SVOCs, PCBs and Metals in June and VOCs only in November.

The results of this Phase II ESA indicate that shallow soil 0-2 feet below ground surface (ft bgs) in several locations is impacted with metals (mercury and/or lead) as well as SVOCs in two locations. All detected soil impacts are in shallow soils. In addition, elevated levels of tetrachloroethene (PCE) and trichloroethene (TCE) were detected in the groundwater. Based on the groundwater concentrations, the New York State Department of Environmental Conservation (NYSDEC) was notified of the results and NYSDEC Spill #1903819 was assigned to the site.

Based on historic uses of the site (residential, produce storage warehouse, and motel), the presence of the contaminants detected in soil and groundwater are not expected to be related to historic Site activities. Metals and SVOCs are ubiquitous contaminants in urban areas and are likely related to diffuse, non-point source discharges, and surficial runoff. Due to the presence of TCE and PCE in groundwater and absence in soils, it is presumed that the TCE and PCE contamination migrated onto the Site. Based on groundwater flow direction, the historic Site use, and groundwater results from other investigations competed on nearby upgradient sites, there appears to be a larger PCE/TCE plume in the area coming from an off-site source.

Based on the above results, Weston & Sampson recommends that this report be provided to the NYSDEC for review and to pursue the closure of Spill #1903819, as the source of the PCE and TCE appears to be from an offsite source. A vapor intrusion assessment is also recommended prior to or as part of redevelopment. Shallow soil exceeding the thresholds for metals and SVOCs should be removed during redevelopment and confirmation sampling should be performed to confirm the removal of the full extent of impacted soil.

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1.0 SITE BACKGROUND

Weston & Sampson PE, LS, LA, PC (Weston & Sampson), on behalf of the City of Kingston (the City), has performed this Phase II Environmental Site Assessment (Phase II ESA) for a 0.917-acre commercial property located at 615 Broadway, in Kingston, New York (the Site; Figure 1).

1.1 Site Ownership and Location

615 Broadway—Kingston, New York

Latitude (North): 41.9294990 - 41° 55' 46.19''
Longitude (West): 74.0052920 - 74° 0' 19.05''
Universal Transverse Mercator: Zone 18
UTM X (Meters): 582472.9 mE
UTM Y (Meters): 4642213.5 mN
Elevation: ±180 ft. above sea level
Site Owner: City of Kingston
Site Occupants: None
County: Ulster
Parcel ID: 51080056109149
Size: 0.917 acres

1.2 Purpose

The intent of this Phase II ESA was to investigate recognized environmental conditions (RECs) identified during the March 2019 Phase I ESA completed by Weston & Sampson and to identify potential contaminants of concern (COCs), likely source(s), and the extent of contamination in affected media.

Weston & Sampson completed this assessment in accordance with the approved Sampling and Analysis Plan (SAP), submitted May 9, 2019, and the Site-Specific Quality Assurance Project Plan (SSQAPP), submitted May 15, 2019. The results of this work were used to further our understanding of potential contaminants at the Site, update the Conceptual Site Model (CSM) for the Site that was presented in the SAP, and evaluate the potential risk to sensitive receptors.

1.3 Current Use of Property

The Site is currently owned by the City, who acquired the property through tax delinquency. The Site is a 0.917-acre commercial property with no permanent structures and is developed as a paved parking lot. Groundcover in a portion of the Site consists of grass. Site features are shown on Figure 2. The Site is serviced by public utilities.

1.4 Current Use of Adjacent Properties

The Site is located in a mixed-use area (commercial and residential) of Kingston, New York. Adjoining properties to the north and east are commercial, while those to the south and west are a mix of commercial and residential (Figure 2).

1.5 Site History

Based on information gathered from the review of available historical data sources, the earliest identified development of the Site was for residential uses, sometime prior to 1887. By 1950 the Site was developed with several produce warehouses and storage buildings along with several single-family

residential buildings and an apartment building. By 1972 these buildings had been removed and the Site was developed with the Imperial Motel, later known as the Knights Inn. This motel was demolished sometime between 2011 and 2013. The Site is currently developed as a paved parking lot with no permanent structures. No identified former Site uses are considered high-risk uses.

1.6 Previous Investigations

In March 2019, a Phase I ESA was completed for the Site by Weston & Sampson. The following RECs were identified:

- Several high-risk nearby property uses were identified adjacent or upgradient of the Site, including gasoline service stations, a scrap metal yard, manufacturing, dry cleaning, and a bowling alley. Releases which could impact the Site may have occurred due to these high-risk uses.
- Releases have occurred at several nearby or upgradient properties, including known spills and contaminated soil at the adjacent gasoline service station, two releases of #2 fuel oil upgradient of the Site, and known chlorinated solvent contamination identified in groundwater approximately 350 feet cross-gradient of the Site from an unknown source. Contamination from these off-Site releases may have impacted the Site.
- Based on the results of a Vapor Encroachment Screening, the possibility for vapor intrusion into future Site building exists due to two nearby gasoline service stations, several nearby fuel oil releases, and known chlorinated solvent contamination in groundwater identified at a nearby, cross-gradient property.

It should be noted that the groundwater flow direction presumed for the Phase I (to the north-northeast) was based on local topography. However, during Phase II ESA activities the groundwater flow direction was interpreted to be different (to the southwest) than as presumed during the Phase I. Therefore, what was considered “upgradient” of the site has now changed based on the data from the Phase II.

1.7 Proposed Redevelopment

The Site may be redeveloped for mixed use including residential and commercial use as part of the Restore New York program.

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2.0 FIELD ACTIVITIES

Weston & Sampson developed field activities to assess and investigate potential releases to the environment that may have occurred at or near the Site that could impact redevelopment.

2.1 Field Activities

2.1.1 Soil Assessment

On June 10-12, 2019, Weston & Sampson personnel performed an assessment of subsurface soil at the Site. Subsurface soil borings were completed with direct-push drilling methods using a Geoprobe 7822DT track-mounted drill rig. Prior to subsurface field activities, Weston & Sampson personnel marked out the proposed boring locations and Dig Safely New York was notified to clear underground utilities. Selected photographs are provided in Appendix A.

Weston & Sampson personnel observed the advancement of eight (8) soil borings located around the perimeter of the Site (SB-1 through SB-8). Soil boring locations were selected to assess potential impacts from potential and known off-Site releases and to provide a representative evaluation of Site subsurface conditions. Boring locations are shown on Figure 2. Boring logs are provided in Appendix B.

Soil borings were advanced to approximately 5 to 10 feet below the observed groundwater interface and terminating approximately 25 ft below ground surface (bgs). Weston & Sampson personnel continuously screened soil for visual and/or olfactory evidence of contamination and screened for Volatile Organic Compounds (VOCs) with a photoionization detector (PID). Excess soil was placed in labeled drums that were stored on Site.

Weston & Sampson submitted two (2) soil samples for analysis from each boring. One (1) grab sample was collected between 0-2 ft bgs and one (1) grab sample was collected from either the interval with the highest evidence of contamination (based on staining, odors, and/or highest PID reading) or just above the groundwater interface if no obvious contamination was identified.

No obvious evidence of contamination was observed in soil borings SB-1 through SB-8, and subsurface soil samples were collected from just above the groundwater interface.

2.1.2 Groundwater Assessment

Weston & Sampson completed six (6) of the eight (8) soil borings as groundwater monitoring wells (MW-1 through MW-6). Monitoring wells were screened across the groundwater interface (approximately 19 ft bgs) and were constructed of flush-threaded, 1.5-inch diameter, Schedule 40 polyvinyl chloride (PVC) casing with a 10-foot, Schedule 40 PVC, machine-slotted well screen (0.010-inch). A filter pack of #1 silica sand was installed around the screen, extending from the bottom of the end cap to 2 feet above the well screen. A 2-ft. bentonite seal was placed above the filter pack and the remainder of the annulus was filled with soil cuttings. Wells were completed with flush-mount road boxes, secured in concrete. Monitoring well as-builts are provided in Appendix B.

The wells were developed immediately following installation by purging groundwater until the groundwater ran clear. Monitoring wells were allowed to equilibrate for one week following installation and development. Groundwater elevation details can be found on Table 1.

On June 18, 2019, depth-to-water measurements were collected at the six (6) Site wells prior to sampling. Depth-to-water measurements were converted to relative elevation measurements. Relative elevation measurements for the six (6) Site wells were used to generate a groundwater contour map (Figure 3).

Weston & Sampson sampled the Site monitoring wells using the United States Environmental Protection Agency (EPA) "Low Stress (low flow) Purging and Sampling Procedure for the Collection of Groundwater Samples from Monitoring Wells," EQASOP-GW4 (Revision 4, September 19, 2017). Based on the results of the June 18, 2019 sampling round, Weston & Sampson recommended that a second, synoptic groundwater sampling round be conducted at the Site. Weston & Sampson's request to amend the SSQAPP was approved, and the second round of depth-to-water measurements and groundwater sampling was conducted on November 5 and 6, 2019. Depth-to-water measurements were used to create an updated groundwater contour map (Figure 4).

Sample collection forms from the June 2019 and November 2019 sampling rounds are provided in Appendix C.

2.1.3 Site Survey

Weston & Sampson personnel surveyed Site monitoring well locations using a Trimble 7X handheld global positioning system (GPS) and relative well elevations were surveyed using an autolevel. Latitude and longitude coordinates for the well and boring locations are provided on Figure 2. Elevations were tied to an arbitrary 50-foot datum established at MW-1.

2.2 Analytical Methods

Potential COCs at the Site included VOCs, SVOCs, Metals and PCBs in soil and groundwater. Weston & Sampson submitted soil and groundwater samples collected as part of this Phase II ESA to Con-Test for analysis. A summary of the analyses employed by Con-Test is provided in the table below:

Parameter	Media Type	EPA Analytical Method
VOCs	Soil/Groundwater	8260C
SVOCs	Soil/Groundwater	8270D
RCRA 8 Metals	Soil/Groundwater	6010D
PCBs	Soil/Groundwater	8082

2.3 Deviations from the Work Plan

No deviations from the approved SAP or SSQAPP were made during this Phase II ESA except for the following:

- Based on the results of the June 18, 2019 sampling round, Weston & Sampson recommended that a second, synoptic groundwater sampling round be conducted at the Site. Weston & Sampson's request to amend the SSQAPP was approved, and the second round of depth-to-water measurements and groundwater sampling was conducted on November 5 and 6, 2019.

3.0 RESULTS

3.1 Screening Criteria

Current and future proposed use of the Site may include both commercial and residential uses. Soil analytical results were compared to the Unrestricted Use Soil Cleanup Objectives (SCOs), Residential Use SCOs and Commercial Use SCOs published in Title 6, Part 375 of the New York Codes, Rules and Regulations (NYCRR), effective December 14, 2006.

Groundwater analytical results were compared to the Class GA groundwater standards and guidance values published in the NYSDEC Division of Water Technical and Operational Guidance Series (1.1.1) - Ambient Water Quality Standards and Guidance Values, effective June 1998 (TOGS).

Applicable soil and groundwater screening levels are shown in the analytical results tables (Tables 2 and 3).

3.2 Soil

Subsurface lithology at the Site consists of approximately 1-5 feet of fine to medium sand fill overlying approximately 15 feet of fine to coarse sands and fine to medium sands. Some seams (between 1/16 and 1/2 inches thick) of clay were observed in sands between 22 and 25 ft bgs on the north side of the Site and between 16 and 19 ft bgs on the southern edge of the Site. Bedrock was not encountered in the soil borings, which were completed to depths of 25 ft bgs.

During boring installations, soils were monitored for potential contamination by visual and/or olfactory observation and PID screening. No obvious evidence of contamination within the soil was observed in the soil borings. PID readings ranged from 0.1 to 19.5 ppm for the soil screened.

Detected compounds in soil are shown in Table 2. The laboratory analytical packages are provided in Appendix D.

The results of this Phase II ESA indicate that shallow soil, 0-2 feet below ground surface (ft bgs), in several locations (SB-1, SB-3, SB-5, and SB-8) is impacted with metals (mercury and/or lead) concentrations above the Unrestricted Use SCOs. Lead concentrations in shallow soil at SB-3 are also above the Residential and Commercial Use SCOs. The distribution of lead and mercury exceedances are shown on Figure 5.

At two locations of the Site (SB-3 and SB-7), concentrations of SVOCs detected in shallow soil (0-2 ft bgs) exceed the Unrestricted Use and Residential Use SCOs including benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, chrysene, and ideno(1,2,3-cd)pyrene. At one location, SB-7, concentrations of benzo(a)pyrene in shallow soil exceed the Commercial SCOs. Exceedances for SVOCs in shallow soil are shown on Figure 6. No other contaminants were detected in soil above the SCOs. It should be noted that SVOC compounds exceed SCOs in shallow soil only, indicating impacts appear to be surficial in nature.

3.3 Groundwater

Groundwater was encountered at approximately 20 ft bgs and flows to the south-southwest with a hydraulic gradient ranging from approximately 0.002 – 0.003 feet/foot based on November 2019 measurements. This is contrary to the groundwater flow direction anticipated during the Phase I based on local topography (to the north-northeast). A groundwater contour map is provided as Figure 3 and 4.

Detected compounds in groundwater are shown in Table 3. The laboratory analytical packages are provided in Appendix D.

Analytical results of both the June and November 2019 sampling rounds indicate that groundwater at the Site is impacted with elevated concentrations of PCE and TCE above the TOGS standards. Sample analytical results from each groundwater sampling event are summarized below.

June 2019

During the June 2019 sampling round, PCE concentrations in MW-2 (7.3 micrograms per liter (µg/L)), MW-5 (12 µg/L), and MW-6 (14 µg/L) were above the TOGS standard (5 µg/L). TCE concentrations in MW-2 (21 µg/L) and MW-6 (12 µg/L) were also above the TOGS standard (5 µg/L). The distribution of PCE and TCE in groundwater is shown on Figure 7.

Based on New York State reporting requirements, the NYSDEC was notified on July 15, 2019 of the TCE and PCE exceedances within the groundwater and NYSDEC Spill #1903819 was assigned to the site.

November 2019

Samples collected during the November 2019 sampling round contained PCE at concentrations in MW-2 (6.6 µg/L) and MW-6 (12 µg/L) above the TOGS standard (5 µg/L). TCE concentrations in MW-2 (14 µg/L) and MW-6 (12 µg/L) were also above the TOGS standard. The PCE concentration decreased slightly between the June and November sampling events and the TCE concentrations decreased slightly or remained the same between the sampling evets. No other VOCs were detected at concentrations above the TOGS standards.

3.4 Investigation Derived Waste

Excess soil and purged groundwater were stored in drums on Site for proper offsite disposal. Samples were collected from the drums for waste disposal characterization purposes including TCLP Lead analysis. All results indicated non-hazardous waste. Analytical results were provided to MC Environmental Services Inc. and Veolia ES Technical Solutions and appropriate disposal was completed. Copies of the waste manifests are included in Appendix E.

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4.0 DATA USABILITY

4.1 Laboratory Data Evaluation

Alpha Geoscience (Alpha) was contracted to perform a data usability evaluation of the data to identify bias or other interference that could affect the quality of sample results. Quality control (QC) components that were evaluated include the following:

- Data completeness
- Holding times
- Sample preservation
- Blank results
- Surrogate recoveries
- Laboratory control sample results
- Field duplicates

Alpha evaluated results from both rounds of sampling, as outlined below:

4.1.1 June Round of Testing

Samples collected in June and evaluated by Alpha included the following quality assurance/quality control (QA/QC) samples:

Parameter	Matrix	Number of Samples	Trip Blanks	Blind Field Duplicates
VOCs	Soil	16	0	1
SVOCs	Soil	16	0	1
RCRA 8 Metals	Soil	16	0	1
PCBs	Soil	6	0	1
VOCs	Groundwater	6	1	1
SVOCs	Groundwater	6	0	1
RCRA 8 Metals (total)	Groundwater	6	0	1
PCBs	Groundwater	2	0	1

Alpha prepared a Data Usability Summary Report (DUSR) as part of their data evaluation. The DUSR identified that the overall performance of the analysis is acceptable, and that Con-Test Analytical Laboratories did fulfill the requirements of the analytical methods. The data are mostly acceptable with some data which was qualified by Alpha as estimated.

Data are considered usable with no data qualified as rejected (R). The data qualified as estimated does not have an impact on the overall findings and conclusions of the investigation.

4.1.2 November Round of Testing

Samples collected in November and evaluated by Alpha included the following QA/QC samples:

Parameter	Matrix	Number of Samples	Trip Blanks	Blind Field Duplicates
Lead	Soil	1	0	0
VOCs	Groundwater	6	1	1
SVOCs	Groundwater	6	1	1

Alpha prepared a Data Usability Summary Report (DUSR) as part of their data evaluation. The DUSR identified that the overall performance of the analysis is acceptable, and that Con-Test Analytical Laboratories did fulfill the requirements of the analytical methods. The data are mostly acceptable with one datum which was qualified by Alpha as estimated.

Data are considered usable with no data qualified as rejected (R). The data qualified as estimated does not have an impact on the overall findings and conclusions of the investigation.

Alpha's DUSRs are provided as Appendices F & G.

4.2 QA/QC Summary

In summary, the results of the Data Usability evaluations indicate that data quality indicators are acceptable, and the soil and groundwater data obtained during this investigation is adequate for characterizing Site conditions. Weston & Sampson considers the data to be of sufficient level of sensitivity to support the conclusions in this report.

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5.0 CONCEPTUAL SITE MODEL

The preliminary Conceptual Site Model (CSM) presented in the approved Sampling and Analysis Plan (SAP) has been updated for the Site based upon the data collected to date. The CSM is a representation of the processes that control the release, transport, migration, and impact of contamination to Site receptors.

5.1 Site Description

The Site is a 0.917-acre commercial property with no permanent structures. The site is completely paved and used as a parking lot, with the exception of a small grassy area (in the area of SB-8). The Site is situated approximately 180 feet above mean sea level and topography at the Site is generally level.

Subsurface lithology at the Site consists of approximately 1-5 feet of fine to medium sand fill overlying approximately 15 feet of fine to coarse sands and fine to medium sands. Seams of tan clay (between 1/16-inch and 1/2-inch thick) are interspersed with sands and silts were encountered between 22-25 feet on the north side of the Site and between 16 and 19 feet on the south side of the Site. Bedrock was not encountered in the soil borings, which were completed to depths of 25 ft bgs.

Groundwater was encountered at approximately 19 ft bgs and flows to the south-southwest with a hydraulic gradient ranging from approximately 0.002 – 0.003 feet/foot based on November 2019 measurements. This is contrary to the groundwater flow direction anticipated during the Phase I based on local topography. Groundwater contour maps are provided as Figures 3 & 4.

5.2 Sensitive Receptors

Potential receptors include Site users of the parking lot; future residents and visitors if the Site is redeveloped to include residential and/or commercial uses; and construction workers during Site redevelopment.

Features that may act as a means of transporting hazardous materials to sensitive receptors include groundwater, surface water, soil, and underground utilities that may act as preferential pathways.

5.3 Contaminants of Concern

Based on the results of the investigation, the COCs for this Site include:

- VOCs (PCE and TCE) in groundwater
- SVOCs (benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, chrysene, and indeno(1,2,3-Cd)Pyrene) in shallow soil (0-2 ft bgs)
- Metals (lead and mercury) in shallow soil (0-2 ft bgs)

5.4 Potential Contaminant Sources

The following potential contaminant sources have been identified:

- VOCs (off Site sources):
    - No high-risk historic uses of the Site have been identified that are likely to have caused PCE and TCE contamination to groundwater. It is likely that the source of VOCs in groundwater is from an off-Site source. Potential sources include 605 Broadway, located approximately 200 ft side gradient of the site, which was identified as a former dry cleaner. Another potential offsite source includes 25 Field Court Site, located

approximately 300 ft. upgradient of the Site. The former uses of 25 Field Court include a welding facility, auto repair shop, small engine repair shop, and tire facility at various times between 1950 and 1987. The 25 Field Court site has known PCE and TCE contamination in soil and groundwater, with PCE concentrations in shallow soil up to 8,900 µg/kg and PCE and TCE concentrations in groundwater up to 370 µg/L and 110 µg/L, respectively.

- SVOCs and metals:
  - SVOCs and metals in shallow soil are likely the result of airborne deposition of contaminants due to burning of fossil fuels such as leaded gasoline and/or coal or surficial runoff from the asphalt parking lot.

5.5 Migration Pathways

Once released to the environment, PCE and TCE will migrate vertically through the vadose (unsaturated) zone to groundwater. Once at the groundwater table, PCE and TCE may dissolve into groundwater. If released in sufficient quantity, PCE and/or TCE may be present as a separate non-aqueous phase liquid (NAPL). Once in groundwater in a dissolved phase or as a NAPL, PCE and TCE will flow advectively downgradient.

PCE and/or TCE may be present as soil gas contained in soil pore space. In deeper portions of the vadose zone, PCE and TCE in soil gas will migrate through diffusion. In near-surface zones, soil gas will migrate through advection/convection and can enter building and utility spaces in contact with the soil.

SVOCs and lead are typically not mobilized efficiently in water and are expected to remain adsorbed to the soil matrix. No evidence of mobilization of SVOCs to the groundwater was observed. If minor amounts of SVOCs are being leached to the groundwater, natural attenuation (adsorption, biodegradation and dilution) is likely reducing the concentrations to below screening criteria.

5.6 Exposure Pathways

Potential exposure pathways to sensitive receptors include direct contact with contaminated soil or groundwater; ingestion of contaminated soil or groundwater; and inhalation of indoor air, if vapor intrusion is occurring.

Two incomplete exposure pathways to sensitive receptors have been identified:

- The Site and surrounding areas are served by municipal water; therefore, Site users will not come into contact with groundwater.
- Due to the depth to groundwater (~19 ft bgs) future users, such as construction workers during Site redevelopment, are unlikely to come into contact with groundwater.

One complete exposure pathway to sensitive receptors has been identified.

- Current Site users (trespasses and visitors) and future Site users (construction workers during redevelopment and future residents) may encounter surface soil contaminated with lead, mercury or SVOCs in shallow soil.

One exposure pathway to sensitive receptors may be complete, but its status is currently unknown.

- Soil gas concentrations beneath the paved surface are unknown and vapor intrusion may be a future pathway if a building is constructed.

The following table summarizes the potentially impacted media, sensitive receptors, and whether each exposure pathway is considered complete, incomplete, or is currently unknown.

Media	COCs	Sensitive Receptors	Exposure Pathways	Exposure Pathway Complete?
Surface Soil	Lead. Mercury, (benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, chrysene, and indeno(1,2,3-Cd)Pyrene	Site Users	Ingestion, Dermal Contact	Complete
Subsurface Soil	none	-	-	-
Groundwater	PCE, TCE	Site Users	Ingestion, Dermal Contact,	Incomplete
		Construction workers	Ingestion, Dermal Contact,	Incomplete
Soil Gas	PCE, TCE	Future Site Users	Inhalation	Unknown

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6.0 DISCUSSION AND CONCLUSIONS

The results of this Phase II ESA indicate that shallow soil in several locations at the Site is impacted with metals (mercury and/or lead) and SVOC concentrations above the Unrestricted Use SCOs. Lead concentrations in shallow soil at SB-3 are also above the Residential Use and Commercial Use SCOs. At two locations, concentrations of SVOCs are above the Unrestricted Use and Residential Use SCOs. Concentrations of one SVOC, benzo(a)pyrene, also exceed the Commercial Use SCOs. No other contaminants were detected in soil above the SCOs. Soil impacts are limited to shallow soil, based on deeper soil analytical data.

Results of an initial round of groundwater sampling conducted in June 2019 indicated that groundwater at the Site is impacted with concentrations of tetrachloroethene (PCE) and trichloroethene (TCE) above the TOGS standards. PCE was detected in three of the six wells with concentrations ranging from 7.3 to 14 μg/L, slightly exceeding the PCE TOGS standard (5 μg/L). TCE was detected in two of the six wells with concentrations ranging from 12 to 21 μg/L, exceeding the TCE TOGS standard (5 μg/L). Pursuant to New York State reporting requirements, the NYSDEC was notified of the PCE and TCE exceedances within the groundwater and NYSDEC Spill #1903819 was assigned to the Site.

Based on the June 2019 results, Weston & Sampson recommended a second round of groundwater sampling be conducted. A request to amend the SSQAPP to include this second round of groundwater sampling was approved in September 2019, and sampling was conducted on November 5-6, 2019. Results of the November 2019 sampling event indicated concentrations of PCE and TCE have decreased or remained consistent since the June 2019 sampling event. PCE was detected in two of the six wells with concentrations ranging from 6.6 to 12 μg/L, slightly exceeding the PCE TOGS standard (5 μg/L). TCE was detected in two of the six wells with concentrations ranging from 12 to 14 μg/L, exceeding the TCE TOGS standard (5 μg/L).

Historically, the Site has been developed for residential purposes in the late 1800s, for produce storage and residential use in the 1950s, and later as a hotel in the 1970s. Based on these uses, the presence of the contaminants detected in soil and groundwater are not expected to be related to historic Site activities. Metals and SVOCs are ubiquitous contaminants in urban areas and are likely related to diffuse, non-point source discharges, and surficial runoff. It is likely that the source of VOCs in groundwater is from an off-Site source. Potential sources include the 25 Field Court Site, located approximately 300 ft. upgradient of the Site, which has high levels of PCE and TCE contamination in soil and groundwater.

One (1) complete exposure pathway to sensitive receptors has been identified. Shallow soil in the vicinity of boring SB-8 is exposed at the surface (grass area) and current Site users (trespassers and visitors) may encounter surface soil contaminated with lead, mercury and SVOCs within the shallow soil.

One exposure pathway to sensitive receptors may be complete, but its status is currently unknown. Soil gas concentrations beneath the Site are unknown. If a building is constructed at the Site in the future, vapor intrusion may occur.

Two exposure pathways to sensitive receptors have been identified as incomplete. The Site and surrounding areas are served by municipal water; therefore, Site users will not come into contact with groundwater. In addition, due to the depth to groundwater (~20 ft. bgs) future users, such as construction workers during Site redevelopment, are unlikely to come into contact with groundwater.

7.0 RECOMMENDATIONS

Weston & Sampson offers the following recommendations:

- No further assessment activities are recommended to delineate impacts to soil. Shallow soil in various locations across the Site is impacted with lead, mercury, and SVOCs. This soil should be removed and properly disposed of during redevelopment activities. Confirmation sampling should be performed to confirm the removal of the full extent of impacted soil during removal activities.
- The elevated PCE and TCE concentrations detected within the groundwater are most likely coming from an off-site upgradient source. The results of this investigation should be shared with the NYSDEC to assist them in identifying that source. Weston & Sampson recommends that this report be provided to the NYSDEC for review and to pursue the closure of Spill #1903819.
- Assess the vapor intrusion potential into future Site development from known VOC contamination within groundwater beneath the Site prior to or as part of the redevelopment activities.

P:\NY\Kingston, NY\Brownfields Community Wide Assessment Program - 2018\615 Broadway (former Kings Inn)\2. Deliverables\2019_07 Phase II ESA\Report Parts\Text_615 Broadway Phase II ESA.docx

8.0 LIMITATIONS

This Phase II ESA was prepared for the use of the City of Kingston and the EPA, exclusively. The findings provided by Weston & Sampson in this report are based solely on the information reported in this document. Future investigations, and/or information that was not available to Weston & Sampson at the time of the investigation, may result in a modification of the findings stated in this report.

Should additional information become available concerning this Site or neighboring properties, which could directly impact the Site in the future, that information should be made available to Weston & Sampson for review so that, if necessary, conclusions presented in this report may be modified. The conclusions of this report are based on Site conditions observed by Weston & Sampson personnel at the time of the investigation, information provided by the City of Kingston, and samples collected and analyzed on the dates shown or stated in this report. This report has been prepared in accordance with generally accepted engineering and geological practices. No other warranty, express or implied, is made.

P:\NY\Kingston, NY\Brownfields Community Wide Assessment Program - 2018\615 Broadway (former Kings Inn)\2. Deliverables\2019_07 Phase II ESA\Report Parts\Text_615 Broadway Phase II ESA.docx

9.0 REFERENCES

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New York State Department of Environmental Conservation. 1998. *Division of Water Technical and Operational Guidance Series (1.1.1) - Ambient Water Quality Standards and Guidance Values.* June.

New York State Museum, New York State Geological Survey, New York State Museum Technology Center. 1999*. 1:250,000 Bedrock Geology of New York State.*

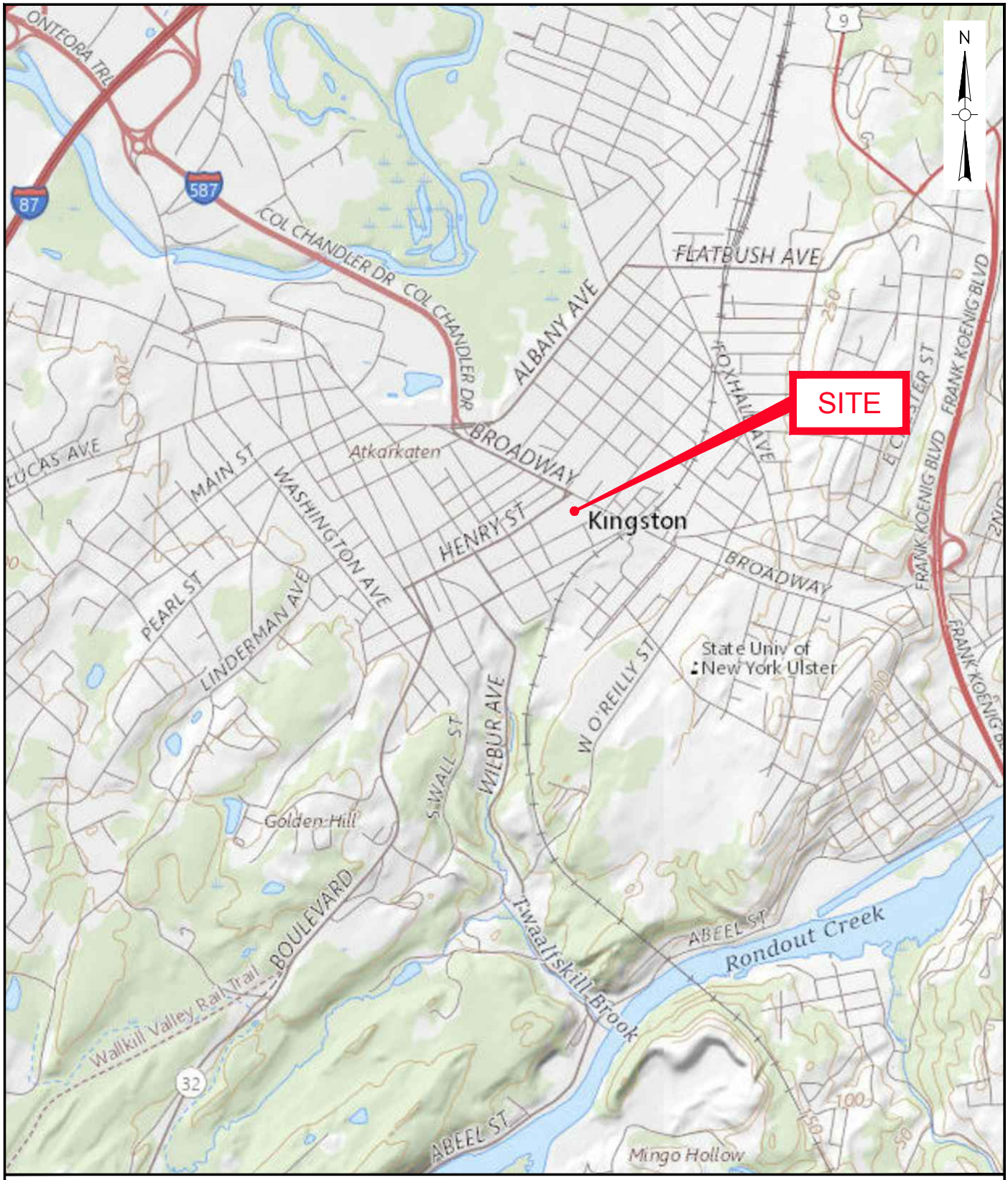
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Weston & Sampson Engineers, Inc. 2019. *Phase II ESA Sampling and Analysis Plan, 615 Broadway, Kingston, New York.* Prepared for the City of Kingston. May 9.

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DATA SOURCES:

Printed from USGS The National Map:
National Boundaries Dataset
Ulster County-New York
November, 2018

FIGURE 1

SITE LOCUS MAP

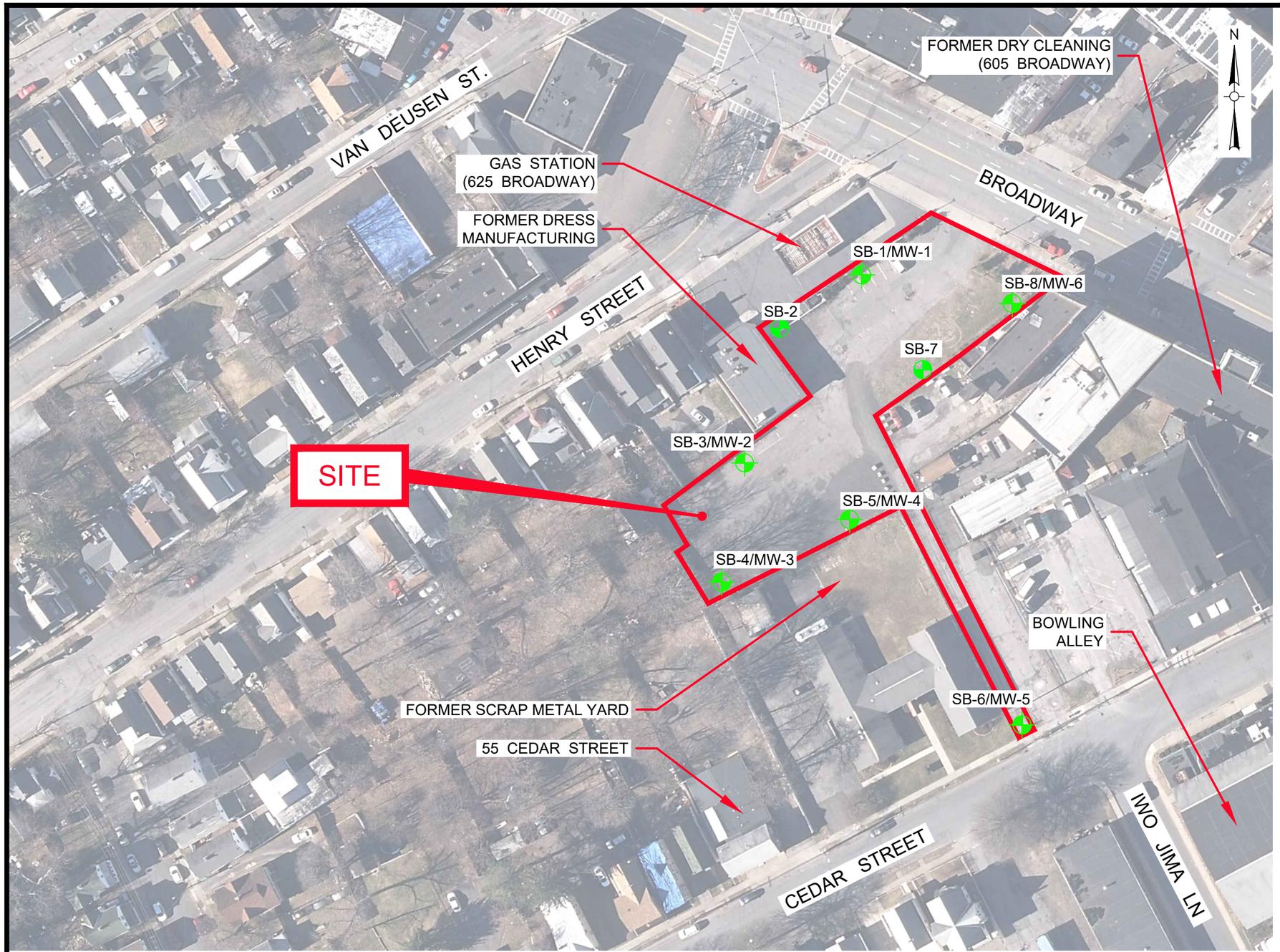
615 BROADWAY

KINGSTON, NEW YORK

SCALE: 1"=2,000'

0 2000 4000

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LEGEND

SB-1/MW-1	SOIL BORING/MONITORING WELL LOCATION
SB-2	SOIL BORING LOCATION

POINT	LATITUDE (N)	LONGITUDE (E)
SB-1/MW-1	41.929569050	74.005471668
SB-2	41.929459828	74.005680061
SB-3/MW-2	41.929204690	74.005780075
SB-4/MW-3	41.928961634	74.005843428
SB-5/MW-4	41.929070948	74.005514481
SB-6/MW-5	41.928678504	74.005006434
SB-7	41.929401612	74.005245860
SB-8/MW-6	41.929507377	74.005058333

DATA SOURCES:

Printed from Orthoimagery
from NYS GIS Clearinghouse
December, 2018

SCALE: 1"=80'

0 80 160

FIGURE 2

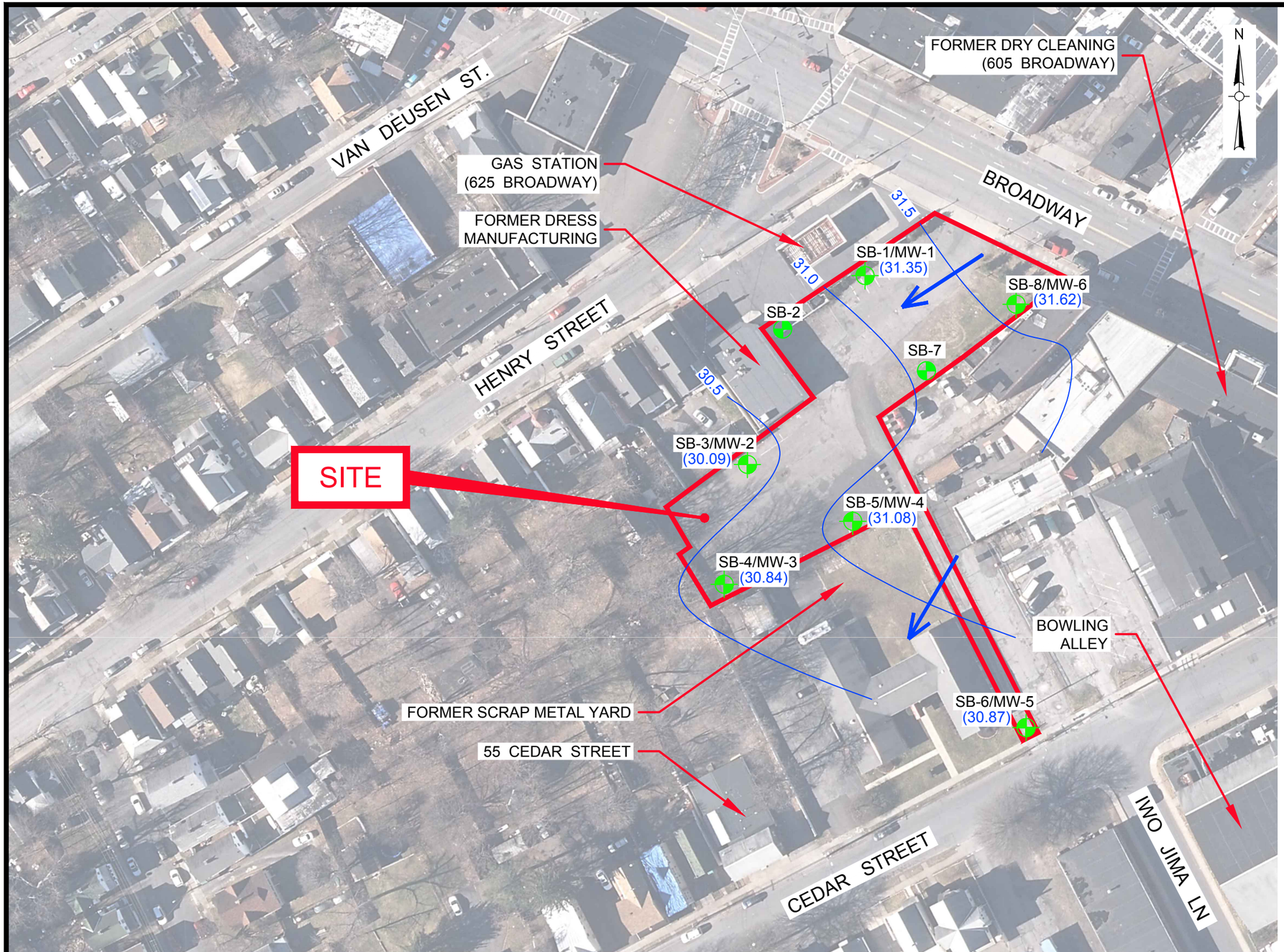
615 BROADWAY
KINGSTON, NEW YORK

SITE PLAN

DESIGNED BY: TJB	CHECKED BY: SDS	DATE: JULY, 2019

Weston & Sampson℠

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LEGEND

SB-1/MW-1	SOIL BORING/MONITORING WELL LOCATION
SB-2	SOIL BORING LOCATION
(31.62)	GROUNDWATER ELEVATION (FEET)
31.00	GROUNDWATER ELEVATION CONTOUR
→	INTERPRETED GROUNDWATER DIRECTION

NOTE:
THE GROUNDWATER FLOW DIRECTION FOR THE GENERAL AREA IS TO THE SOUTHWEST

DATA SOURCES:

Printed from Orthoimagery
from NYS GIS Clearinghouse
December, 2018

SCALE: 1"=80'

0 80 160

FIGURE 3

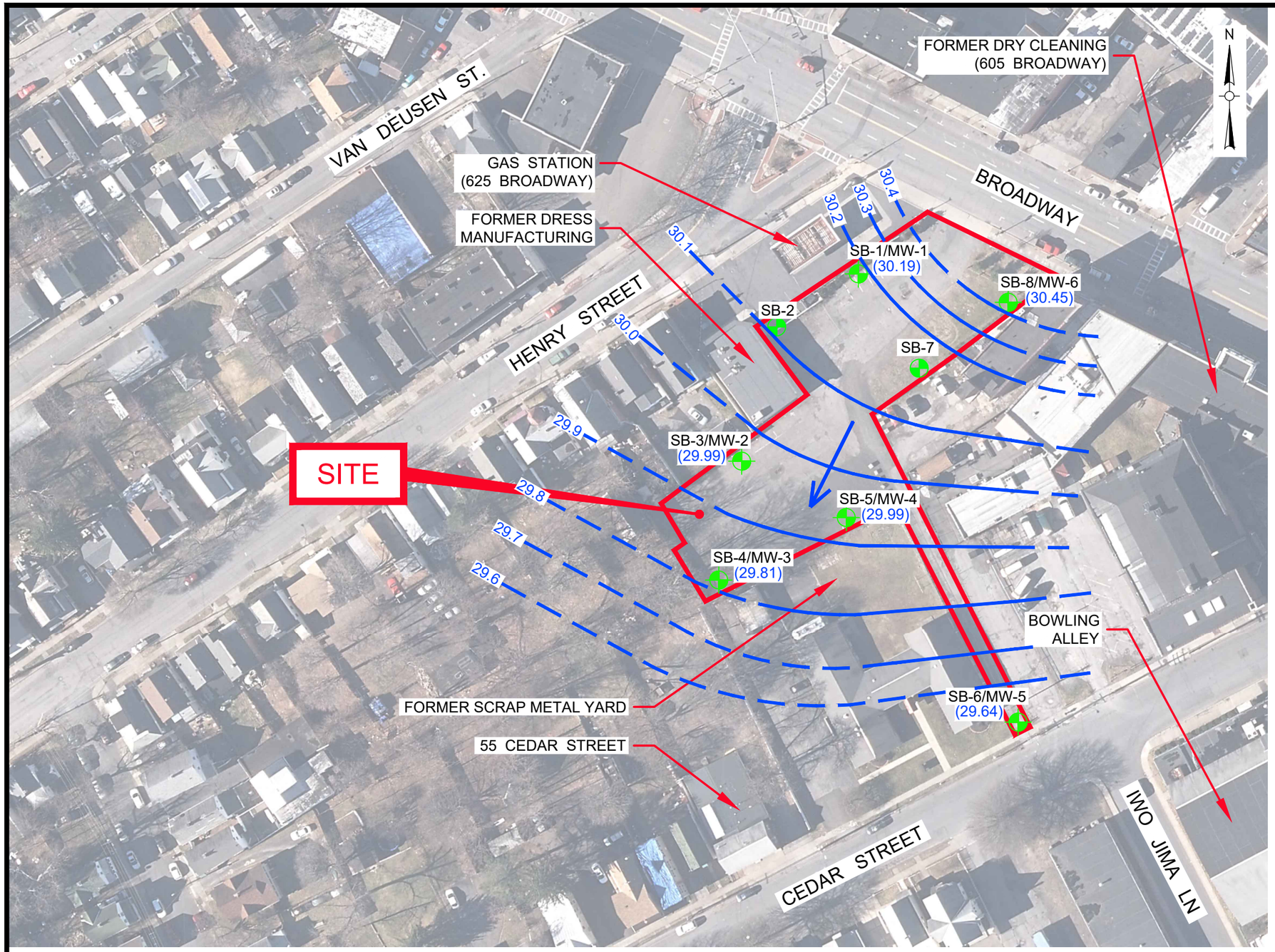
615 BROADWAY
KINGSTON, NEW YORK

GROUNDWATER ELEVATION –
JUNE 18, 2019

DESIGNED BY: TJB	CHECKED BY: SDS	DATE: JULY, 2019

Weston & Sampson℠

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LEGEND

SB-1/MW-1	SOIL BORING/MONITORING WELL LOCATION
SB-2	SOIL BORING LOCATION
(31.62)	GROUNDWATER ELEVATION (FEET)
31.00	GROUNDWATER ELEVATION CONTOUR
→	INTERPRETED GROUNDWATER DIRECTION

NOTE:
THE GROUNDWATER FLOW DIRECTION FOR THE GENERAL AREA IS TO THE SOUTHWEST

DATA SOURCES:

Printed from Orthoimagery
from NYS GIS Clearinghouse
December, 2018

SCALE: 1"=80'

0 80 160

FIGURE 4

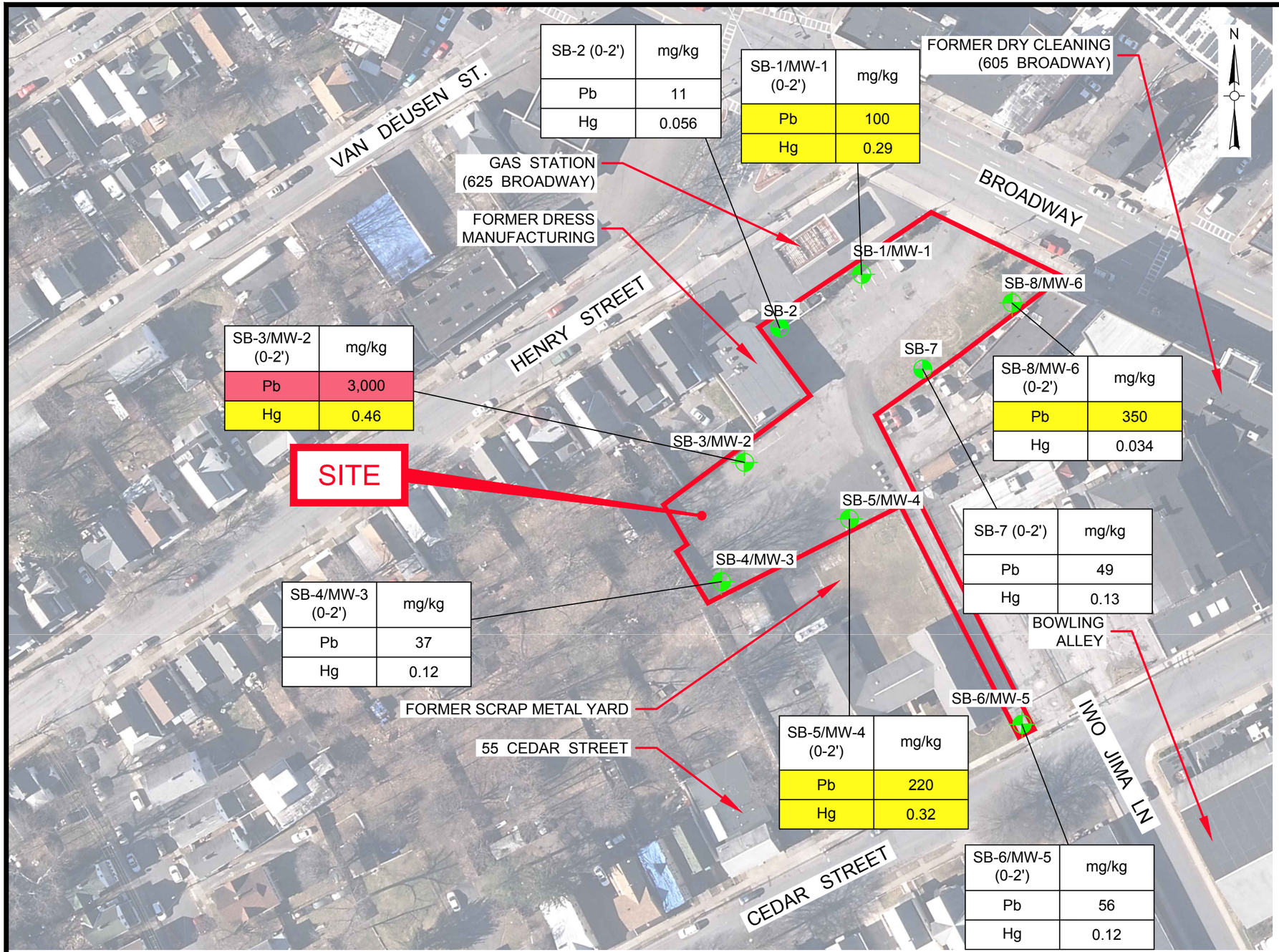
615 BROADWAY
KINGSTON, NEW YORK

GROUNDWATER ELEVATION -
NOVEMBER 5, 2019

DESIGNED BY: TJB	CHECKED BY: SDS	DATE: JULY, 2019

Weston & Sampson℠

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SB-2 (0-2')	mg/kg
Pb	11
Hg	0.056

SB-1/MW-1 (0-2')	mg/kg
Pb	100
Hg	0.29

SB-3/MW-2 (0-2')	mg/kg
Pb	3,000
Hg	0.46

SB-8/MW-6 (0-2')	mg/kg
Pb	350
Hg	0.034

SB-7 (0-2')	mg/kg
Pb	49
Hg	0.13

SB-4/MW-3 (0-2')	mg/kg
Pb	37
Hg	0.12

SB-5/MW-4 (0-2')	mg/kg
Pb	220
Hg	0.32

SB-6/MW-5 (0-2')	mg/kg
Pb	56
Hg	0.12

LEGEND

SB-1/MW-1 — SOIL BORING/MONITORING WELL LOCATION

SB-2 — SOIL BORING LOCATION

Pb	49 — LEAD (mg/kg)
Hg	0.13 — MERCURY (mg/kg)

PARAMETER EXCEEDS THE NYCRR UNRESTRICTED USE SCOs

PARAMETER EXCEEDS NYCRR RESIDENTIAL USE SCOs

PARAMETER EXCEEDS NYCRR COMMERCIAL USE SCOs

	Unrestricted Use SCOs (mg/kg)	Residential Use SCOs (mg/kg)	Commercial Use SCOs (mg/kg)
Pb	63	400	1,000
Hg	0.18	0.81	2.08

DATA SOURCES:

Printed from Orthoimagery
from NYS GIS Clearinghouse
December, 2018

SCALE: 1"=80'

0 80 160

FIGURE 5

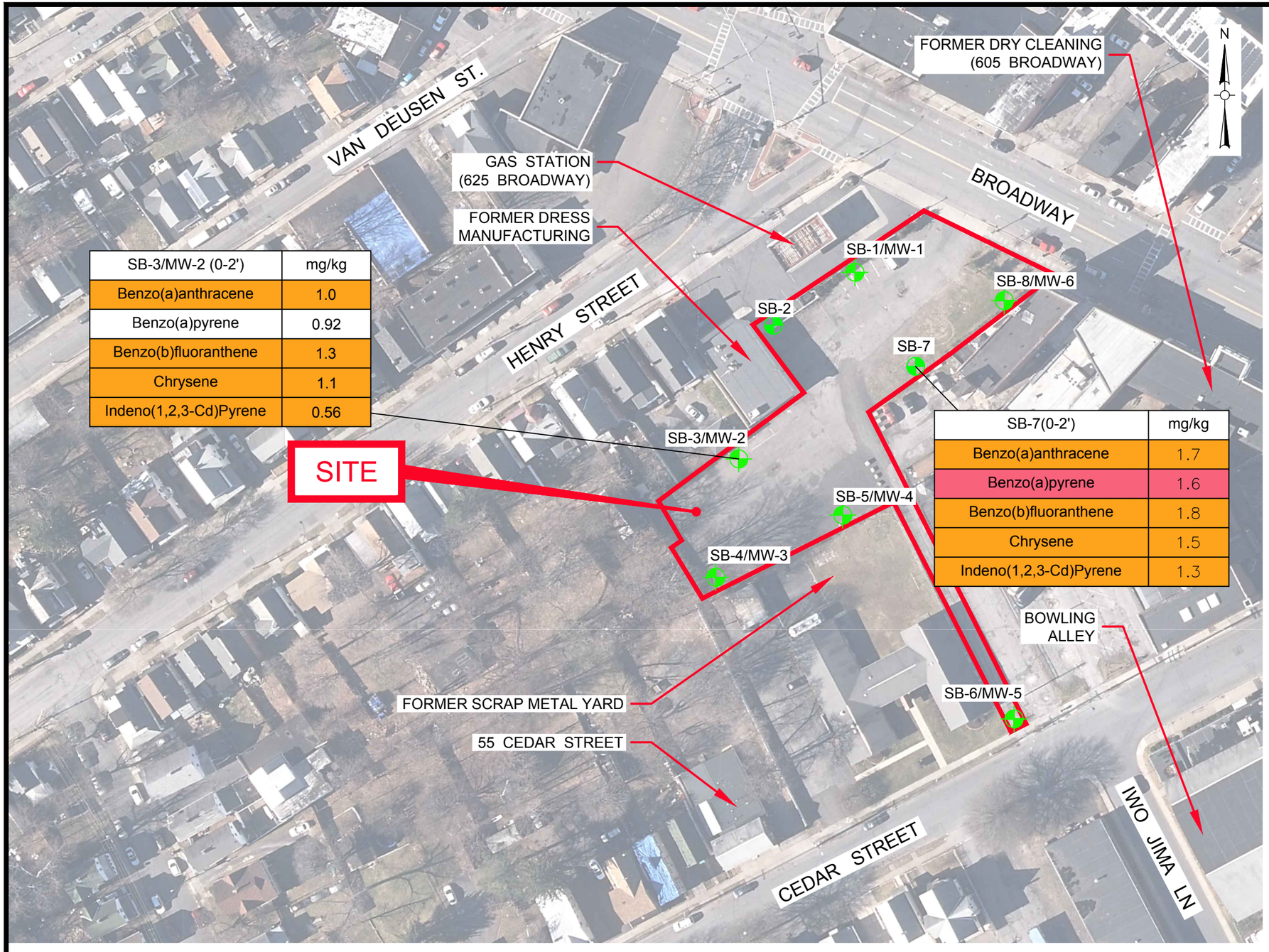
615 BROADWAY
KINGSTON, NEW YORK

SHALLOW SOIL EXCEEDANCES - METALS

DESIGNED BY: TJB | CHECKED BY: SDS | DATE: JULY, 2019

Weston & Sampson℠

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SB-3/MW-2 (0-2')	mg/kg
Benzo(a)anthracene	1.0
Benzo(a)pyrene	0.92
Benzo(b)fluoranthene	1.3
Chrysene	1.1
Indeno(1,2,3-Cd)Pyrene	0.56

SB-7(0-2')	mg/kg
Benzo(a)anthracene	1.7
Benzo(a)pyrene	1.6
Benzo(b)fluoranthene	1.8
Chrysene	1.5
Indeno(1,2,3-Cd)Pyrene	1.3

LEGEND

- SB-1/MW-1 — SOIL BORING/MONITORING WELL LOCATION
- SB-2 — SOIL BORING LOCATION
- PARAMETER EXCEEDS THE NYCRR UNRESTRICTED USESCOs (mg/kg)
- PARAMETER EXCEEDS NYCRR RESIDENTIAL USE SCOs (mg/kg)
- PARAMETER EXCEEDS NYCRR COMMERCIAL USE SCOs (mg/kg)

	Unrestricted Use SCOs (mg/kg)	Residential Use SCOs (mg/kg)	Commercial Use SCOs (mg/kg)
Benzo(a)anthracene	1	1	5.6
Benzo(a)pyrene	1	1	1
Benzo(b)fluoranthene	1	1	5.6
Chrysene	1	1	5.6
Indeno(1,2,3-Cd)Pyrene	0.5	0.5	5.6

DATA SOURCES:

Printed from Orthoimagery
from NYS GIS Clearinghouse
December, 2018

SCALE: 1"=80'

0 80 160

FIGURE 6

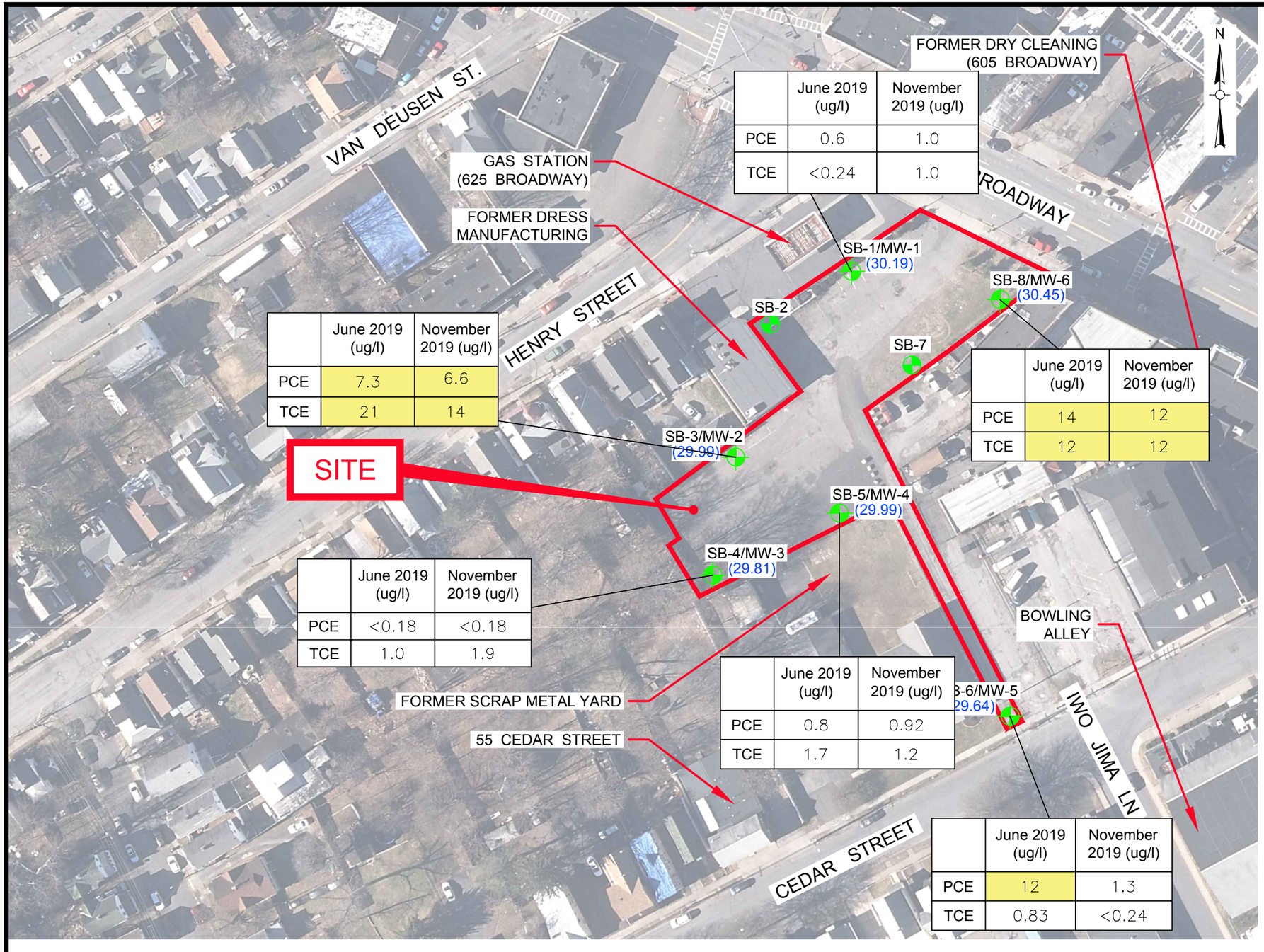
615 BROADWAY
KINGSTON, NEW YORK

SHALLOW SOIL EXCEEDANCES - SVOCS

DESIGNED BY: TJB | CHECKED BY: SDS | DATE: JULY, 2019

Weston & Sampson

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	June 2019 (ug/l)	November 2019 (ug/l)
PCE	0.6	1.0
TCE	<0.24	1.0

	June 2019 (ug/l)	November 2019 (ug/l)
PCE	7.3	6.6
TCE	21	14

	June 2019 (ug/l)	November 2019 (ug/l)
PCE	14	12
TCE	12	12

	June 2019 (ug/l)	November 2019 (ug/l)
PCE	<0.18	<0.18
TCE	1.0	1.9

	June 2019 (ug/l)	November 2019 (ug/l)
PCE	0.8	0.92
TCE	1.7	1.2

	June 2019 (ug/l)	November 2019 (ug/l)
PCE	12	1.3
TCE	0.83	<0.24

LEGEND

- SB-1/MW-1 — SOIL BORING/MONITORING WELL LOCATION
- SB-2 — SOIL BORING LOCATION
- PARAMETER EXCEEDS THE NYSDEC TOGS STANDARD (ug/l)

NYSDEC TECHNICAL AND OPERATIONAL GUIDANCE SERIES (TOGS) 1.1.1. STANDARD

	TOGS Standard (ug/l)
PCE	5
TCE	5

DATA SOURCES:

Printed from Orthoimagery
from NYS GIS Clearinghouse
December, 2018

SCALE: 1"=80'

0 80 160

FIGURE 7

615 BROADWAY
KINGSTON, NEW YORK

GROUNDWATER EXCEEDANCES – VOCs

DESIGNED BY: TJB | CHECKED BY: SDS | DATE: MARCH 2020

Weston & Sampson

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TABLE 1
WELL CONSTRUCTION DETAILS
615 BROADWAY
KINGSTON, NEW YORK

Well	Casing Material	Casing Diameter	Total Depth	Screen Length	Screened Interval	Relative Top of PVC Casing (TOC) Elevation [1]	Groundwater Depth Below TOC (ft.)	Relative Groundwater Elevation [1]	Groundwater Depth Below TOC (ft.)	Relative Groundwater Elevation [1]
		(inches)	(ft. bgs)	(ft.)	(ft. bgs)	(ft. elevation)	6/18/2019	(ft. elevation)	11/5/2019	(ft. elevation)
MW-1	Schedule 40 PVC	1.5	25	10	15-25	50.00	18.65	31.35	19.81	30.19
MW-2	Schedule 40 PVC	1.5	25	10	15-25	49.65	19.56	30.09	19.66	29.99
MW-3	Schedule 40 PVC	1.5	25	10	15-25	50.57	19.73	30.84	20.76	29.81
MW-4	Schedule 40 PVC	1.5	25	10	15-25	49.78	18.70	31.08	19.79	29.99
MW-5	Schedule 40 PVC	1.5	25	10	15-25	49.75	18.88	30.87	20.11	29.64
MW-6	Schedule 40 PVC	1.5	25	10	15-25	50.37	18.75	31.62	19.92	30.45

Notes:

ft. bgs- feet below ground surface

(1)- Elevations relative to arbitrary site datum of 50 ft at MW-1.

\\wse03.local\WSE\Projects\NY\Kingston, NY\Brownfields Community Wide Assessment Program - 2018\615 Broadway (former Kings Inn)\2. Deliverables\2019_08 Phase II ESA\Tables\[Table 1_Well Construction Details.xlsx]Tb1_Well Details

Table 2
Soil Analytical Results - Detected Compounds Only*
615 Broadway
Kingston, New York

Parameter	Units	NYSDEC Standards (1)			Sample Location, Depth, and Date															
		Unrestricted Use SCOs	Residential Use SCOs	Commercial Use SCOs	SB-1		SB-2		SB-3	SB-3	SB-4		SB-5		SB-5	SB-6	SB-6	SB-7		SB-8	
					0-2 feet	17.5-19.5 feet	0-2 feet	16-18 feet	0-2 feet	16-18 feet	0-2 feet	18-20 feet	0-2 feet	SB-DUP	17-19 feet	0-2 feet	16-18 feet	0-2 feet	18-20 feet	0-2 feet	18-20 feet
					6/10/19	6/10/2019	6/11/2019	6/11/2019	6/11/2019	6/11/2019	6/11/2019	6/11/2019	6/11/2019	6/11/2019	6/11/2019	6/11/2019	6/11/2019	6/12/2019	6/12/2019	6/12/2019	6/12/2019
Metals																					
Arsenic	mg/kg	13	16	16	**7.8**	**3.2**	**2.9**	**2.6**	**6.8**	**2.4**	**3.3**	**2.1**	**4.7**	**2.8**	**2.8**	**3.1**	**5**	**4.5**	**4.7**	**3.7**	**3.1**
Barium	mg/kg	350	350	400	**75**	**28**	**30**	**34**	**170**	**29**	**45**	**29**	**120**	**23**	**24**	**51**	**38**	**47**	**47**	**39**	**25**
Cadmium	mg/kg	2.5	2.5	9.3	**0.89**	**0.18**	**0.21**	**0.22**	**0.93**	**0.18**	**0.29**	**0.2**	**0.53**	**0.2**	**0.2**	**0.22**	**0.28**	**0.36**	**0.31**	**0.32**	**0.26**
Chromium	mg/kg	30	36	1,500	**16**	**8.5**	**8.2**	**11**	**13**	**6.8**	**9.3**	**7.8**	**11**	**7.2**	**7.1**	**9**	**8.2**	**9**	**9**	**11**	**7**
Lead	mg/kg	63	400	1,000	**100**	**6**	**11**	**6.8**	**3000**	**6.0**	**37**	**5.9**	**220**	**6.2**	**6.3**	**56**	**7.4**	**49**	**6.4**	**350**	**7.4**
Mercury	mg/kg	0.18	0.81	2.8	**0.29**	<0.0078	**0.056**	**0.016**	**0.46**	**0.0089**	**0.12**	**0.013**	**0.32**	**0.013**	**0.012**	**0.12**	**0.016**	**0.13**	**0.011**	**0.034**	**0.016**
VOCs																					
Acetone	mg/kg	0.05	100	500	<0.0083	**0.0097**	**0.042**	**0.0073**	**0.02**	**0.0061**	**0.024**	**0.0098**	**0.029**	<0.0086	**0.01**	**0.017**	<0.0077	**0.029**	**0.0097**	**0.031**	**0.0076**
Carbon Disulfide	mg/kg	NS	NS	NS	<0.0053	<0.0046	<0.0062	<0.0036	<0.0034	<0.0036	<0.0047	<0.0045	<0.0049	<0.0055	<0.0053	<0.0047	<0.0049	<0.0056	<0.0047	**0.0064**	<0.0037
Diethyl Ether	mg/kg	NS	NS	NS	**0.0013**	**0.0015**	**0.0018**	**0.0015**	**0.00099**	**0.0015**	**0.002**	**0.0019**	**0.0012**	**0.0015**	**0.0015**	<0.00061	<0.00064	**0.002**	**0.0027**	**0.0025**	**0.0013**
Methylene Chloride	mg/kg	0.05	51	500	**0.0021**	**0.0021**	**0.0021**	**0.0016**	**0.001**	**0.0023**	**0.0028**	**0.0022**	**0.0018**	**0.0023**	**0.0025**	**0.0017**	**0.0014**	**0.0022**	**0.0027**	**0.0029**	**0.0021**
Tetrachloroethene	mg/kg	1.3	5.5	150	<0.0012	<0.0010	<0.0014	<0.00080	<0.00076	<0.00079	<0.0010	<0.0010	<0.0011	<0.0012	<0.0012	**0.0092**	**0.0036**	<0.0012	<0.0010	<0.0011	**0.0011**
Toluene	mg/kg	0.7	100	500	<0.00059	<0.00051	**0.0012**	<0.00040	<0.00038	**0.0012**	<0.00052	<0.00050	<0.00054	<0.00061	<0.00059	**0.00059**	<0.00055	<0.00062	<0.00052	<0.00056	<0.00041
Trichloroethene	mg/kg	0.47	10	200	<0.00079	<0.00068	<0.00091	<0.00053	<0.00051	<0.00053	<0.00069	<0.00067	<0.00072	<0.00082	<0.00079	<0.00069	<0.00073	<0.00082	**0.00069**	<0.00074	**0.00078**
SVOCs																					
Anthracene	mg/kg	100	100	500	<0.098	<0.093	<0.099	<0.094	**0.18**	<0.095	<0.098	<0.093	<0.099	<0.097	<0.099	<0.095	<0.10	**0.43**	<0.097	<0.098	<0.10
Benzo(a)anthracene	mg/kg	1	1	5.6	<0.12	<0.11	<0.12	<0.11	**1.0**	<0.12	<0.12	<0.11	**0.55**	<0.12	<0.12	<0.12	<0.13	**1.7**	<0.12	**0.15**	<0.13
Benzo(a)pyrene	mg/kg	1	1	1	<0.12	<0.11	<0.12	<0.11	**0.92**	<0.12	<0.12	<0.11	**0.45**	<0.12	<0.12	<0.12	<0.13	**1.6**	<0.12	**0.16**	<0.13
Benzo(b)fluoranthene	mg/kg	1	1	5.6	**0.18**	<0.11	<0.12	<0.11	**1.3**	<0.12	<0.12	<0.11	**0.66**	<0.12	<0.12	<0.12	<0.13	**1.8**	<0.12	**0.2**	<0.13
Benzo(g,h,i)perylene	mg/kg	100	100	500	**0.19**	<0.10	<0.11	<0.10	**0.55**	<0.11	<0.11	<0.10	**0.25**	<0.11	<0.11	<0.11	<0.12	**1.3**	<0.11	**0.15**	<0.11
Benzo(k)fluoranthene	mg/kg	0.8	1	56	<0.12	<0.11	<0.12	<0.11	**0.46**	<0.12	<0.12	<0.11	**0.22**	<0.12	<0.12	<0.12	<0.13	**0.69**	<0.12	<0.12	<0.13
Carbazole	mg/kg	NS	NS	NS	<0.098	<0.093	<0.099	<0.094	**0.11**	<0.095	<0.098	<0.093	<0.099	<0.097	<0.099	<0.095	<0.10	**0.29**	<0.097	<0.098	<0.10
Chrysene	mg/kg	1	1	56	<0.12	<0.11	<0.12	<0.11	**1.1**	<0.12	<0.12	<0.11	**0.56**	<0.12	<0.12	<0.12	<0.13	**1.5**	<0.12	0.17	<0.13
Dibenz(a,h)anthracene	mg/kg	NS	0.33	0.56	<0.11	<0.10	<0.11	<0.10	**0.13**	<0.11	<0.11	<0.10	<0.11	<0.11	<0.11	<0.11	<0.12	**0.25**	<0.11	<0.11	<0.11
Fluoranthene	mg/kg	100	100	500	**0.16**	<0.10	<0.11	<0.10	**2.2**	<0.11	<0.11	<0.10	**1.0**	<0.11	<0.11	<0.11	<0.12	**3.8**	<0.11	**0.32**	<0.11
Indeno(1,2,3-Cd)Pyrene	mg/kg	0.5	0.5	5.6	**0.16**	<0.12	<0.13	<0.13	**0.56**	<0.13	<0.13	<0.12	**0.27**	<0.13	<0.13	<0.13	<0.14	**1.3**	<0.13	<0.13	<0.14
Phenanthrene	mg/kg	100	100	500	<0.098	<0.093	<0.099	<0.094	**0.96**	<0.095	<0.098	<0.093	**0.4**	<0.097	<0.099	<0.095	<0.10	**2.1**	<0.097	**0.15**	<0.10
Pyrene	mg/kg	100	100	500	**0.18**	<0.11	<0.12	<0.11	**1.8**	<0.12	<0.12	<0.11	**0.84**	<0.12	<0.12	<0.12	<0.13	**3.5**	<0.12	**0.3**	<0.13
PCBs					ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

QC by CEL 3/11/2020

Abbreviations:
VOCs and SVOCs = Volatile and Semivolatile Organic Compounds
PCBs=Polychlorinated Biphenyls
NS = No Standard available
ND = Not Detected
NYSDEC = New York State Department of Environmental Conservation
SCO = Soil Cleanup Objective
mg/kg = milligram per killiogram (ppm)
ppm = parts per million

Notes:
< = indicates parameter not detected above laboratory method reporting limit, shown
BOLD Parameter detected above laboratory detection limit
BOLD Parameter exceeds the NYCRR Unrestricted Use SCOs
BOLD Parameter exceeds the NYCRR Residential Use SCOs
BOLD Parameter exceeds the NYCRR Commercial Use SCOs

1 = Standards are from the Compilation of Codes, Rules, and Regulations of the State of New York (NYCRR), 6 NYCRR Part 375, December 2006.
* = Data only displayed for compounds detected above laboratory reporting limits. Please refer to laboratory analytical reports included in Appendix D for complete results.

Table 3
Groundwater Analytical Results - Detected Compounds Only*
615 Broadway
Kingston, New York

Parameter	Units	NYSDEC TOGS 1.1.1 Standards[1]	Sample Location and Date												
			MW-1			MW-2		MW-3		MW-4			MW-5		MW-6	
			6/19/2019	11/5/2019	DUP 11/5/19	6/20/2019	11/6/2019	6/20/2019	11/6/2019	6/19/2019	DUP 6/19/2019	11/6/2019	6/18/2019	11/6/2019	6/18/2019	11/5/2019
Metals																
Arsenic	ug/l	50	<0.64	NT	NT	<0.64	NT	**0.73**	NT	<0.64	<0.64	NT	**0.74**	NT	<0.64	NT
Barium	ug/l	2000	**66**	NT	NT	**17**	NT	**32**	NT	**33**	**35**	NT	**81**	NT	**59**	NT
Cadmium	ug/l	10	**0.049**	NT	NT	<0.038	NT	**0.067**	NT	**0.22**	**0.25**	NT	**0.06**	NT	**0.092**	NT
Chromium (Total)	ug/l	100	**1.1**	NT	NT	**1**	NT	**2.1**	NT	**0.69**	**0.91**	NT	**0.89**	NT	**0.96**	NT
Lead	ug/l	50	**0.49**	NT	NT	<0.085	NT	**0.99**	NT	**0.31**	**0.35**	NT	**0.87**	NT	**0.98**	NT
Selenium	ug/l	20	**20**	NT	NT	**4.4**	NT	**9.1**	NT	**14**	**15**	NT	**6.6**	NT	**2.3**	NT
VOCs																
Chloroform	ug/l	7	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	**0.33**	<0.17	<0.17	**0.24**
Tetrachloroethene	ug/l	5	**0.6**	**1.0**	**1.1**	**7.3**	**6.6**	<0.18	<0.18	**0.8**	**0.69**	**0.92**	**12**	**1.3**	**14**	**12**
Trichloroethene	ug/l	5	<0.24	0.24	<0.24	**21**	**14**	**1.0**	**1.9**	**1.7**	**1.5**	**1.2**	**0.83**	<0.24	**12**	**12**
SVOCs			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCBs			ND	NT	NT	ND	NT	ND	NT	ND	ND	NT	ND	NT	ND	NT

QC by CEL: 3/11/2020

Abbreviations:
VOCs = Volatile Organic Compounds
SVOCs = Semivolatile Organic Compounds
ND = Not Detected
NT = Not Tested
NYSDEC = New York State Department of Environmental Conservation
ug/l = micrograms per liter (ppb)
ppb = parts per billion

Notes:

* = Data only displayed for compounds detected above laboratory reporting limits. Please refer to laboratory analytical reports included in Appendix D for complete results.

< = indicates parameter not detected above laboratory method reporting limit, shown

BOLD Parameter detected above laboratory detection limit

BOLD Parameter exceeds the applicable NYSDEC standard

1 = Standards are from the NYSDEC Division of Water Technical & Operational Guidence Series (TOGS) 1.1.1, dated June 1998.

APPENDIX A
Selected Site Photographs

Selected Site Photos

615 Broadway, Kingston, NY



Photo #1
Site overview, facing northeast



Photo #2
Track-mounted GeoProbe rig
at boring location SB-4/MW-3

APPENDIX B
Boring Logs and Well As-Builts

Weston & Sampson℠

PROJECT		BORING No.	SB-1/MW-1
Brownfields Assessment 615 Broadway Kingston, NY		SHEET	1 OF 1
		Project No.	N2180061
		CHKD BY	Steven Shaw

BORING Co.	Coredown Drilling	BORING LOCATION	See attached plan		
FOREMAN	Andrew Bellucci	GROUND SURFACE ELEV.		DATUM	
WSE REP.	Jill Murphy	DATE START	6/10/19	DATE END	6/10/19

SAMPLER: Geoprobe 7822DT track-mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25-inch PVC liners w/o catcher
CASING SIZE: 2.25 IN. INSIDE DIAMETER Method: Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
0		S-1	30/60			1.3	0-0.5 ft. bgs: ASPHALT.		*Asphalt*
							0.5-4.75 ft. bgs: Dark brown, fine SAND and FILL (brick, apparent slag and clinkers), some fine to medium gravel. Dry. No odor.		*Sandy Fill*
						1.3			
5		S-2	39.5/60			0.9	4.75-16.5 ft. bgs: Orange-tan, fine to coarse SAND. Dry. No odor.		*Sand*
						1.1			
10		S-3	40/60			0.9			
						1.0			
15		S-4	48/60			0.6	16.5-17.5 ft. bgs: Medium-tan, fine SAND. Damp. No odor.		
						0.4	17.5-20 ft. bgs: Medium-tan, fine SAND with orange and dark brown banding. Damp to wet at 19.5 ft. bgs. No odor.		
20		S-5	45/60			0.1	20-20.5 ft. bgs: Medium-to-dark-tan, fine SAND mottled with dark brown. Wet. No odor.		
						0.1	20.5-25 ft. bgs: Medium-tan, fine to medium SAND with bands of light tan clay at 24.75 ft. bgs. Wet. No odor.		*Sand and Clay*
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES: Apparent groundwater at 19.5 ft. bgs. Monitoring well set at 25 ft. bgs. Samples collected from 0-2 ft. bgs at 1450 and 17.5-19.5 ft. bgs at 1520 to be analyzed for VOCs, SVOCs, and RCRA 8 Metals.

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

BORING No. SB-1/MW-1

Weston & Sampson℠

PROJECT		BORING No.	SB-2
Brownfields Assessment 615 Broadway Kingston, NY		SHEET	1 OF 1
		Project No.	N2180061
		CHKD BY	Steven Shaw

BORING Co.	Coredown Drilling	BORING LOCATION	See attached plan		
FOREMAN	Andrew Bellucci	GROUND SURFACE ELEV.		DATUM	
WSE REP.	Jill Murphy	DATE START	6/11/19	DATE END	6/11/19

SAMPLER: Geoprobe 7822DT track-mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25-inch PVC liners w/o catcher
CASING SIZE: 2.25 IN. INSIDE DIAMETER Method: Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
0		S-1	36/60			19.5	0-0.5 ft. bgs: ASPHALT.		*Asphalt*
							0.5-1 ft. bgs: Medium-tan, fine to coarse SAND, ASPHALT, and fine GRAVEL. Dry. No odor.		*Sandy Fill*
						17.5	1-2 ft. bgs: Crushed CONCRETE.		
5		S-2	33/60			12.8	2-3.5 ft. bgs: Medium-tan, fine to medium SAND, some red-tan banding. Dry. No odor.		*Sand*
						9.0	3.5-5 ft. bgs: Medium-tan, fine to coarse SAND and FILL (brick, slag). Dry. No odor.		
10		S-3	38/60			3.4	5-6.5 ft. bgs: Orange-tan, fine to coarse SAND. Dry. No odor.		*Rock*
							6.5-9 ft. bgs: Medium-tan, fine to medium SAND. Dry. No odor.		*Sand*
						7.2	9-11 ft. bgs: Medium-tan, fine to coarse SAND. Dry. No odor.		
15		S-4	32.5/60			11.0	11-11.5 ft. bgs: Crushed ROCK.		
							11.5-14 ft. bgs: Medium-tan, gravelly fine to coarse SAND. Dry. No odor.		
20		S-5	46/60			5.0	14-20 ft. bgs: Medium-tan, fine to medium SAND. Dry to damp at 19 ft. bgs. No odor.		*Sand, Silt, and Clay*
						0.1	20-22 ft. bgs: Medium-to-dark-tan, fine SAND, trace clay. Wet. No odor.		
						0.1	22-24 ft. bgs: Medium-to-dark-tan, fine SAND, some Silt and bands of light tan clay. Wet. No odor.		
25							24-24.5 ft. bgs: Medium-tan, gravelly fine to coarse SAND. Wet. No odor.		
							24.5-24.75 ft. bgs: Medium-to-dark-tan, fine SAND, some silt and clay. Wet. No odor.		
30							24.75-25 ft. bgs: Medium-tan, fine SAND. Wet. No odor.		

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES: Apparent groundwater at 19 ft. bgs. No monitoring well set. Samples collected from 0-2 ft. bgs at 0805 and 16-18 ft. bgs at 0815 to be analyzed for VOCs, SVOCs, RCRA 8 Metals, and PCBs.

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

BORING No. SB-2

Weston & Sampson SM

PROJECT		BORING No.	SB-3/MW-2
Brownfields Assessment 615 Broadway Kingston, NY		SHEET	1 OF 1
		Project No.	N2180061
		CHKD BY	Steven Shaw

BORING Co.	Coredown Drilling	BORING LOCATION	See attached plan		
FOREMAN	Andrew Bellucci	GROUND SURFACE ELEV.		DATUM	
WSE REP.	Jill Murphy	DATE START	6/11/19	DATE END	6/11/19

SAMPLER: Geoprobe 7822DT track-mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25-inch PVC liners w/o catcher
CASING SIZE: 2.25 IN. INSIDE DIAMETER Method: Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
0		S-1	33/60			5.2	0-0.5 ft. bgs: ASPHALT.		*Asphalt and Concrete*
							0.5-1 ft. bgs: CONCRETE.		
						1.7	1-1.5 ft. bgs: Medium-tan, fine to medium SAND. Dry. No odor.		*Sandy Fill*
5		S-2	32/60			5.7	1.5-3.5 ft. bgs: Dark gray-tan, fine to coarse SAND and FILL (clinkers, brick, clam shells). Dry. No odor.		*Rock*
							3.5-5.5 ft. bgs: Medium-red-tan, fine to medium SAND. Dry. No odor.		*Sand*
						8.0	5.5-5.75 ft. bgs: Crushed ROCK.		
10		S-3	46/60			2.8	5.75-10 ft. bgs: Medium-tan, gravelly fine to coarse SAND. Dry. No odor.		*Rock*
							10-11 ft. bgs: Dark tan, fine to medium SAND, some fine gravel. Dry. No odor.		*Sand*
						7.3	11-11.25 ft. bgs: Crushed ROCK.		
15		S-4	41.5/60			4.3	11.25-25 ft. bgs: Medium-tan, fine to medium SAND. Wet at 18 ft. bgs. No odor.		
						7.1			
20		S-5	38/60			2.1			
						1.0			
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES: Apparent groundwater at 18 ft. bgs. Monitoring well set at 24 ft. bgs. Samples collected from 0-2 ft. bgs at 0850 and 16-18 ft. bgs at 0905 to be analyzed for VOCs, SVOCs, RCRA 8 Metals, and PCBs.

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

BORING No. SB-3/MW-2

Weston & Sampson℠

PROJECT		BORING No.	SB-4/MW-3
Brownfields Assessment 615 Broadway Kingston, NY		SHEET	1 OF 1
		Project No.	N2180061
		CHKD BY	Steven Shaw

BORING Co.	Coredown Drilling	BORING LOCATION	See attached plan		
FOREMAN	Andrew Bellucci	GROUND SURFACE ELEV.		DATUM	
WSE REP.	Jill Murphy	DATE START	6/11/19	DATE END	6/11/19

SAMPLER: Geoprobe 7822DT track-mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25-inch PVC liners w/o catcher
CASING SIZE: 2.25 IN. INSIDE DIAMETER Method: Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
0		S-1	28/60			5.0	0-1 ft. bgs: ASPHALT.		*Asphalt*
							1-4.5 ft. bgs: Medium-tan, fine to medium SAND, some fine gravel. Dry. No odor.		*Sandy Fill*
						3.8			
5		S-2	21/60			1.3	4.5-12 ft. bgs: Dark tan, gravelly fine to coarse SAND. Dry. No odor.		*Gravelly Sand*
						4.0			
10		S-3	30/60			1.0	12-14 ft. bgs: Medium-tan, fine to gravelly coarse SAND. Dry. No odor.		
						2.1	14-15 ft. bgs: Medium-tan, fine to medium SAND. Dry. No odor.		
15		S-4	29/60			0.7	15-20 ft. bgs: Medium-tan, fine to coarse SAND. Band of medium-tan clay at 19 ft. bgs. Damp. No odor.		*Sand*
						0.6			*Clay*
20		S-5	38/60			0.1	20-25 ft. bgs: Medium-to-dark tan, fine to medium SAND. Wet. No odor.		*Sand*
						0.1			
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES: Apparent groundwater at 20 ft. bgs. Monitoring well set at 25 ft. bgs. Samples collected from 0-2 ft. bgs at 1030 and 18-20 ft. bgs at 1105 to be analyzed for VOCs, SVOCs, and RCRA 8 Metals.

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

BORING No. SB-4/MW-3

Weston & Sampson SM

PROJECT		BORING No.	SB-5/MW-4
Brownfields Assessment 615 Broadway Kingston, NY		SHEET	1 OF 1
		Project No.	N2180061
		CHKD BY	Steven Shaw

BORING Co.	Coredown Drilling	BORING LOCATION	See attached plan		
FOREMAN	Andrew Bellucci	GROUND SURFACE ELEV.		DATUM	
WSE REP.	Jill Murphy	DATE START	6/11/19	DATE END	6/11/19

SAMPLER: Geoprobe 7822DT track-mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25-inch PVC liners w/o catcher
CASING SIZE: 2.25 IN. INSIDE DIAMETER Method: Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
0		S-1	23.5/60			3.3	0-1 ft. bgs: ASPHALT.		*Asphalt*
							1-5 ft. bgs: Dark-tan, fine to medium SAND, some fine to medium gravel. Band of crushed rock at 1.25 ft. bgs and band of clinkers and white fill material at 4.75 ft. bgs. Dry. No odor.		*Sandy Fill*
						1.5			
5		S-2	23/60			0.8	5-10 ft. bgs: Medium-tan, fine to medium SAND. Dry. No odor.		*Sand*
						2.0			
10		S-3	26/60			1.3	10-14 ft. bgs: Light tan, fine to coarse SAND. Dry. No odor.		
						0.6	14-15 ft. bgs: Light tan, fine to coarse SAND. Dry. No odor.		
15		S-4	31/60			0.9	15-19 ft. bgs: Medium-tan, fine SAND. Bands of medium-tan clay at 16.5 and 19 ft. bgs. Damp. No odor.		*Sand and Clay*
						0.1	19-20 ft. bgs: Medium-tan, fine to medium SAND. Damp to wet at 19.5 ft. bgs. No odor.		
20		S-5	36/60			0.2	20-25 ft. bgs: Medium-tan, fine to medium SAND. Bands of dark tan clay at 21.5 to 22 ft. bgs and 24.5 to 24.75 ft. bgs. Wet. No odor.		
						0.2			
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES: Apparent groundwater at 19.5 ft. bgs. Monitoring well set at 25 ft. bgs. Samples collected from 0-2 ft. bgs at 1240 and 17-19 ft. bgs at 1300 to be analyzed for VOCs, SVOCs, RCRA 8 Metals, and PCBs. SB-DUP collected at 17-19 ft. bgs.

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

BORING No. SB-5/MW-4

Weston & Sampson℠

PROJECT		BORING No.	SB-6/MW-5
Brownfields Assessment 615 Broadway Kingston, NY		SHEET	1 OF 1
		Project No.	N2180061
		CHKD BY	Steven Shaw

BORING Co.	Coredown Drilling	BORING LOCATION	See attached plan		
FOREMAN	Andrew Bellucci	GROUND SURFACE ELEV.		DATUM	
WSE REP.	Jill Murphy	DATE START	6/11/19	DATE END	6/11/19

SAMPLER: Geoprobe 7822DT track-mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25-inch PVC liners w/o catcher
CASING SIZE: 2.25 IN. INSIDE DIAMETER Method: Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
0		S-1	35/60			9.7	0-1 ft. bgs: ASPHALT.		*Asphalt*
							5-6.5 ft. bgs: Medium-tan, fine to medium SAND, trace fine to medium gravel. Dry. No odor.		*Sandy Fill*
						3.2			
5		S-2	39/60			0.8	6.5-17.5 ft. bgs: Medium-tan, fine to coarse SAND, some fine to medium gravel. Dry. No odor.		*Sand*
						13.9			
10		S-3	38/60			3.6			
						1.4			
15		S-4	41/60			1.2			
						1.4	17.5-20 ft. bgs: Medium-to-dark tan, silty fine SAND. Damp to wet at 18.5 ft. bgs. No odor.		*Silty Sand*
20		S-5	38/60			0.8	20-23 ft. bgs: Medium-tan, silty fine SAND with red-tan banding. Wet. No odor.		
						0.6	23-25 ft. bgs: Medium-tan, fine to coarse SAND. Wet. No odor.		*Sand*
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES: Apparent groundwater at 18.5 ft. bgs. Monitoring well set at 24 ft. bgs. Samples collected from 0-2 ft. bgs at 1440 and 16-18 ft. bgs at 1500 to be analyzed for VOCs, SVOCs, and RCRA 8 Metals.

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

BORING No. SB-6/MW-5

Weston & Sampson

PROJECT		BORING No.	SB-7
Brownfields Assessment 615 Broadway Kingston, NY		SHEET	1 OF 1
		Project No.	N2180061
		CHKD BY	Steven Shaw

BORING Co.	Coredown Drilling	BORING LOCATION	See attached plan		
FOREMAN	Andrew Bellucci	GROUND SURFACE ELEV.		DATUM	
WSE REP.	Jill Murphy	DATE START	6/12/19	DATE END	6/12/19

SAMPLER: Geoprobe 7822DT track-mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25-inch PVC liners w/o catcher

CASING SIZE: 2.25 IN. INSIDE DIAMETER Method: Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
0		S-1	31/60			0.4	0-1 ft. bgs: Dark brown, fine to medium SAND, fine GRAVEL, and ORGANICS. Dry. No odor.		*Sand, Gravel, Organics*
									Rock
						0.6	1-1.25 ft. bgs: Crushed ROCK.		*Sandy Fill*
5		S-2	37/60			0.6	1.25-6 ft. bgs: Medium-tan, fine to medium SAND, trace fine gravel. Dry. No odor.		
						0.7	6-10 ft. bgs: Medium-tan, fine to coarse SAND, trace fine to medium gravel. Dry. No odor.		
10		S-3	33/60			0.7	10-14 ft. bgs: Medium-tan, fine to coarse SAND, some fine to medium gravel. Dry. No odor.		*Sand*
						0.7			
15		S-4	38/60			0.7	14-16.5 ft. bgs: Medium-tan, fine to medium SAND, some fine to medium gravel. Dry. No odor.		
						0.6	16.5-17 ft. bgs: Medium-tan, fine SAND. Damp. No odor.		
20		S-5	37/60			0.1	17-19.5 ft. bgs: Medium-tan, fine to coarse SAND. Damp. No odor.		*Sand & Silt*
						0.1	19.5-20 ft. bgs: Medium-tan, fine to medium SAND. Damp. No odor.		*Sand*
25							20-25 ft. bgs: Medium-tan, fine to medium to fine SAND. Band of sand and silt at 20.5 ft. bgs. Wet. No odor.		
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES: Apparent groundwater at 20 ft. bgs. No monitoring well set. Samples collected from 0-2 ft. bgs at 0740 and 18-20 ft. bgs at 0815 to be analyzed for VOCs, SVOCs, and RCRA 8 Metals.

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

BORING No. SB-7

Weston & Sampson SM

PROJECT		BORING No.	SB-1/MW-1
Brownfields Assessment 615 Broadway Kingston, NY		SHEET	1 OF 1
		Project No.	N2180061
		CHKD BY	Steven Shaw

BORING Co.	Coredown Drilling	BORING LOCATION	See attached plan		
FOREMAN	Andrew Bellucci	GROUND SURFACE ELEV.		DATUM	
WSE REP.	Jill Murphy	DATE START	6/12/19	DATE END	6/12/19

SAMPLER: Geoprobe 7822DT track-mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25-inch PVC liners w/o catcher

CASING SIZE: 2.25 IN. INSIDE DIAMETER Method: Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
0		S-1	40/60			1.2	0-1 ft. bgs: Dark brown, fine SAND and ORGANICS, some crushed rock and fine gravel. Dry. No odor.		*Sand and Organics*
						2.2	1-3.5 ft. bgs: Orange-tan, fine to medium SAND. Dry. No odor.		*Sand*
5		S-2	31/60			1.7	3.5-7.5 ft. bgs: Medium-to-dark tan, gravelly fine to medium SAND. Dry. No odor.		*Gravelly Sand*
						1.5	7.5-10 ft. bgs: Medium-tan, fine to coarse SAND, layer of dark brown "mulch-like" material at 9.5 ft. bgs. Dry. No odor.		*Sand*
10		S-3	31/60			0.9	10-11 ft. bgs: Medium-tan, gravelly fine to coarse SAND. Dry. No odor.		*Gravelly Sand*
						0.7	11-16 ft. bgs: Medium-tan, fine to medium SAND. Dry. Damp at 16 ft. bgs. No odor.		*Sand*
15		S-4	33/60			0.6	17.5-19.25 ft. bgs: Medium-tan, fine SAND, orange mottling. Orange and black banding at 19 ft. bgs. Damp. No odor.		
						0.6	19.25-20 ft. bgs: Medium-tan, fine to medium SAND. Wet at 20 ft. bgs. No odor.		
20		S-5	27/60			0.1	20-25 ft. bgs: Medium-tan, fine to coarse SAND. Wet. No odor.		
						0.1			
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES: Apparent groundwater at 20 ft. bgs. Monitoring well set at 25 ft. bgs. Samples collected from 0-2 ft. bgs at 0855 and 18-20 ft. bgs at 0905 to be analyzed for VOCs, SVOCs, and RCRA 8 Metals.

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

BORING No. SB-1/MW-1

APPENDIX C
Groundwater Sample Collection Forms

Well Purging/Groundwater Sampling Report

Project Name: 615 Broadway Project #: _____ Date: 6/19/19
Well ID: MW-1 Well Diameter (in) 2" Casing Type: PVC
Depth to Water: 18.70' Total Depth: _____ Screen Length: _____
Sampling Method: low flow peristaltic pump
Tube Intake Set at: _____ Depth to Water with Tube: _____ Sampled By: AR
Tube Diameter: ¼" OD Notes: _____

11258

	ml\min	Ft.	NTU's	mV	°C	mS/cm	mg\L	Units	
Time	Flow	DTW	Turb	ORP	Temp	SpC	DO	PH	Comments
Min	ml/min	+/- 0.02	+/- 10%	+/- 10	+/- 3%	+/- 3%	+/- 10%	+/- 0.1	
1300	75	18.77	19.7						
1310	75	18.77	9.16						
1320		18.75	5.02	90.3	19.0	0.88	3.41	7.04	
1323		18.76	5.13	84.2	19.0	0.89	3.12	7.01	
1326		18.77	5.57	78.8	19.0	0.91	2.92	7.03	
1329		18.77	5.13	76.1	18.4	0.92	4.60	7.04	
1332		19.77	4.65	75.1	19.0	0.92	4.95	7.01	
1335		18.77	4.91	70.8	19.0	0.93	4.57	7.04	
1338	~~1339~~	18.77	4.70	70.5	19.0	0.93	4.53	7.03	
1341	~~1342~~								
1344	~~1355~~								
1347	~~1358~~								

Sample(s) Collected	Time	Preservative
SVOCs, VOCs, RCRA 8 metals	1340	VOCs → I+H
~~MBT~~ NO S/O		SVOCs → I
NO color		metals → I+N

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Well Purging/Groundwater Sampling Report

Project Name: 615 Broadway Project #: N2180061 Date: 6/20/17
Well ID: MW-2 Well Diameter (in) ~~2"~~ 1" Casing Type: PVC
Depth to Water: 18.65 Total Depth: 23.52 Screen Length: 10'
Sampling Method: low flow peristaltic pump
Tube Intake Set at: Depth to Water with Tube: Sampled By: JKM
Tube Diameter: ¼" OD Notes: Began purging 0830

	ml\min	Ft.	NTU's	mV	°C	mS/cm	mg\L	Units	
Time	Flow	DTW	Turb	ORP	Temp	SpC	DO	PH	Comments
Min	ml/min	+/- 0.02	+/- 10%	+/- 10	+/- 3%	+/- 3%	+/- 10%	+/- 0.1	
0850	100	18.65	1.42	71.3	16.3	0.558	8.57	7.02	Initial: clear,
0855	100	18.65	1.27	74.8	16.3	0.556	6.21	7.06	no sheen, no odor, Final:
0900	100	18.65	0.98	71.4	16.3	0.556	5.82	7.11	same
0905	100	18.65	1.45	64.6	16.3	0.556	5.99	7.15	~2 gal
0910	100	18.65	1.32	61.8	16.3	0.556	5.66	7.17	purged
0915	100	18.65	1.40	61.0	16.3	0.553	5.99	7.15	

Sample(s) Collected	Time	Preservative
VOCs, SVOCs, Total RCRA 8 metals,	0915	HCl, none, HNO_3,
PCBs		none

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Well Purging/Groundwater Sampling Report

Page _____ of _____

Project Name: 615 Broadway Project #: _____ Date: 6/20/19
Well ID: MW-3 Well Diameter (in) 2" Casing Type: PVC
Depth to Water: 19.75 Total Depth: _____ Screen Length: _____
Sampling Method: low flow peristaltic pump
Tube Intake Set at: _____ Depth to Water with Tube: _____ Sampled By: AP
Tube Diameter: ¼" OD Notes: _____

827

	ml\min	Ft.	NTU's	mV	°C	mS/cm	mg\L	Units	
Time	Flow	DTW	Turb	ORP	Temp	SpC	DO	PH	Comments
Min	ml/min	+/- 0.02	+/- 10%	+/- 10	+/- 3%	+/- 3%	+/- 10%	+/- 0.1	
834	100	19.80	24.8						
842		19.82	20.3						
847		19.78	22.9						
852		19.78	19.3						
855		19.74	21.0	137.4	16.0	0.69	4.00	7.05	
859		19.78	19.0	132.4	16.7	0.69	4.46	6.88	
901		19.78	19.8	129.6	16.1	0.69	4.03	6.85	
904		19.78	16.8	125.9	15.8	0.68	3.89	6.82	✓
907		19.78	18.9	125.8	15.7	0.68	4.02	6.81	✓
910		19.78	16.7	124.5	15.7	0.68	4.11	6.81	✓
913									
916									
919									
922									

Sample(s) Collected	Time	Preservative
SVOCs	910	SVOCs → I
VOCs		VOCs → I+H
RCRA 8 metals		Metals → I+N

Weston & Samps

Well Purging/Groundwater Sampling Report

Page 1 of 1

Project Name: ~~Kingston~~ 65 Broadway Project #: N2180061 Date: 6/19/17
Well ID: MW-~~11~~14 Well Diameter (in) 2" Casing Type: PVC
Depth to Water: 18.73 Total Depth: 24.10 Screen Length: 10'
Sampling Method: low flow peristaltic pump
Tube Intake Set at: Depth to Water with Tube: Sampled By: JKM
Tube Diameter: ¼" OD Notes:

	ml\min	Ft.	NTU's	mV	°C	mS/cm	mg\L	Units	
Time	Flow	DTW	Turb	ORP	Temp	SpC	DO	PH	Comments
Min	ml/min	+/- 0.02	+/- 10%	+/- 10	+/- 3%	+/- 3%	+/- 10%	+/- 0.1	
~~1325~~ ~~1330~~	100	~~18.75~~	6.10	128.9	16.4	0.537	4.97	6.80	Clear, no Sheen, no odor, ~ 1.75 gal purged
1330	100	~~18.76~~	3.81	128.9	16.3	0.524	6.19	6.63	
1335	100	18.76	6.91	122.8	16.0	0.522	6.36	6.60	
1340	100	~~18.75~~	5.66	116.1	16.6	0.515	6.50	6.63	
1345	100	~~18.76~~	2.91	107.4	16.3	0.512	6.50	6.65	
1350	100	18.76	3.02	109.5	16.3	0.510	6.50	6.65	

Sample(s) Collected	Time	Preservative
VOCs SVOCs RCRA 8 Metals (Total)	1350	HCL, none, HNO_3,
PCBs		
*DUP collected		

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Well Purging/Groundwater Sampling Report

Page _____ of _____

Project Name: 615 Broadway Project #: _____ Date: 6/18/19
Well ID: MW-5 Well Diameter (in) 2" Casing Type: PVC
Depth to Water: 18.97' Total Depth: 23.47' Screen Length: _____
Sampling Method: low flow peristaltic pump
Tube Intake Set at: _____ Depth to Water with Tube: _____ Sampled By: AP
Tube Diameter: ¼" OD Notes: _____

1402

	ml\min	Ft.	NTU's	mV	°C	mS/cm	mg\L	Units	
Time	Flow	DTW	Turb	ORP	Temp	SpC	DO	PH	Comments
Min	ml/min	+/- 0.02	+/- 10%	+/- 10	+/- 3%	+/- 3%	+/- 10%	+/- 0.1	
1406	75	19.20	11.3						
1412		19.21	11.17						
1422		19.27	11.6	137.4	-4.2	2.78	27.09	6.93	
1425		19.27	11.17	131.2	-3.1	2.72	27.86	6.92	
1428		19.27	8.62	123.9	-2.8	2.67	23.43	6.93	
1431		19.29	10.07	121.7	-2.8	2.66	23.48	6.93	
1434		19.30	9.11	117.6	-2.7	2.68	19.41	6.92	
1437		19.30	7.37	115.2	0.5	2.40	17.35	6.93	
1440		19.30	7.77	113.9	[redacted]	2.37	17.71	6.91	Temp → 1[redacted]
1443		19.30	7.78	114.5	[redacted]	2.39	17.73	6.91	Temp → 1.[redacted]8
1446	↓	19.30	7.53	113.3	1.8	2.33	17.81	6.92	
1449									
1452									

Sample(s) Collected	Time	Preservative
VOCs SVOCs RCRA 8 Metal	1450	V → H+I
↓	No S/O	SVOCs → I
	No color	Metal → N+I

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Well Purging/Groundwater Sampling Report

Page _____ of _____

Project Name: 1215 Broadway Project #: N2180061 Date: 6/18/19
Well ID: MW-6 Well Diameter (in) 2" Casing Type: PVC
Depth to Water: _____ Total Depth: _____ Screen Length: 10'
Sampling Method: low flow peristaltic pump
Tube Intake Set at: _____ Depth to Water with Tube: _____ Sampled By: JKM
Tube Diameter: ¼" OD Notes: _____

	ml\min	Ft.	NTU's	mV	°C	mS/cm	mg\L	Units	
Time	Flow	DTW	Turb	ORP	Temp	SpC	DO	PH	Comments
Min	ml/min	+/- 0.02	+/- 10%	+/- 10	+/- 3%	+/- 3%	+/- 10%	+/- 0.1	
1430	100	18.81	17.1	139.3	16.2	1.319	4.35	6.70	~ 1.5 gal purged. Initial: some
1435	100	18.81	14.0	142.5	15.9	1.330	4.11	6.61	lt tan fine sand,
1440	100	18.8	12.1	146.2	15.8	1.326	4.34	6.56	then clear ~~material~~
1445	100	18.81	11.0	145.4	15.7	1.319	4.02	6.57	~~sand~~. No sheen
1450	100	18.81	11.5	144.1	15.8	1.323	4.38	6.59	no odor.
1455	100	18.81	11.4	145.2	15.6	1.320	4.35	6.58	

Sample(s) Collected	Time	Preservative
VOCs, SVOCs, Total RCRA 8 metals	1455	HCl, None, HNO_3

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Well Purging/Groundwater Sampling Report

Project Name: Kingston Braunfields 615 Broadway Project #: Date: 11/5/19
Well ID: MW-1 (DUP) Well Diameter (in) 1.5 Casing Type: PVC
Depth to Water: 19.81 Total Depth: 24.72 Screen Length: 10'
Sampling Method: low flow bladder pump
Tube Intake Set at: Depth to Water with Tube: Sampled By: EMG
Tube Diameter: ¼" OD Notes:

	ml\min	Ft.	NTU's	mV	°C	mS/cm	mg\L	Units	* 13 cycles (12.5)
Time	Flow	DTW	Turb	ORP	Temp	SpC	DO	PH	Comments
Min	ml/min	+/- 0.02	+/- 10%	+/- 10	+/- 3%	+/- 3%	+/- 10%	+/- 0.1	
1340		~~19.85~~ 19.81	9.8	228.3	16.4	0.746	5.29	6.90	Began purging at 1255,
1343									initial
1348		19.84	8.8	229.5	16.4	0.739	5.30	6.89	conditions clear,
1353		19.84	6.5	232.2	16.4	0.723	5.35	6.88	no sheen, no
1358		19.84	5.3	233.2	16.4	0.722	5.36	6.88	odor.

Sample(s) Collected	Time	Preservative
VOCs	1358	HCl

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Well Purging/Groundwater Sampling Report

Project Name: Kingston Brownfields GPS Broadway Project #: N2180061 Date: 11/6/19
Well ID: MW-2 Well Diameter (in) 1" Casing Type: PVC
Depth to Water: _____ Total Depth: _____ Screen Length: 10'
Sampling Method: low flow bladder pump
Tube Intake Set at: _____ Depth to Water with Tube: _____ Sampled By: JKM/EMG
Tube Diameter: ¼" OD Notes: _____

	ml\min	Ft.	NTU's	mV	°C	mS/cm	mg\L	Units	
Time	Flow	DTW	Turb	ORP	Temp	SpC	DO	PH	Comments
Min	ml/min	+/- 0.02	+/- 10%	+/- 10	+/- 3%	+/- 3%	+/- 10%	+/- 0.1	
~~0830~~ ~~0875~~		19.70	31.3	190.4	16.4	0.490	8.68	7.01	Initial conditions: turbid with med-
0835		19.70	150.2	194.1	16.0	0.488	8.65	7.01	tan sediment,
0840		19.70	91.6	199.3	15.9	0.487	8.65	7.00	no sheen, no
0845		19.70	64.4	202.4	15.9	0.489	8.64	6.99	odor, then
0850		19.70	38.0	206.0	15.7	0.494	8.63	6.98	clear, no sheen
0855		19.70	33.6	207.6	15.7	0.496	8.62	6.98	no odor.
0900		19.70	31.9	208.2	15.7	0.496	8.61	6.98	

Sample(s) Collected	Time	Preservative
VOCs	0900	H/O

Weston

Well Purging/Groundwater Sampling Report

Page _____ of _____

Project Name: 615 Broadway Kingston, NY Brownfields Project #: N2180061 Date: 11/6/19

Well ID: MW-3 Well Diameter (in) 1.5 Casing Type: PVC

Depth to Water: 20.76 Total Depth: 24.43 Screen Length: 10'

Sampling Method: low flow bladder pump

Tube Intake Set at: _____ Depth to Water with Tube: _____ Sampled By: JKM/EMG

Tube Diameter: ¼" OD Notes: _____

	ml\min	Ft.	NTU's	mV	°C	mS/cm	mg\L	Units	
Time	Flow	DTW	Turb	ORP	Temp	SpC	DO	PH	Comments
Min	ml/min	+/- 0.02	+/- 10%	+/- 10	+/- 3%	+/- 3%	+/- 10%	+/- 0.1	
0925		~~20.82~~	53.16	143.7	13.2	0.000	7.61	6.58	Began purging 0910, initial
0930		~~20.82~~	42.40	157.3	13.4	0.000	7.56	6.53	conditions clear,
0935		20.82	25.93	169.7	13.7	0.000	7.52	6.50	no sheen, no
0940		20.82	22.97	173.0	13.8	0.000	7.51	6.50	odor (same final
0945		20.82	18.16	176.5	13.9	0.000	7.50	6.50	conditions)
0950		20.82	17.14	178.0	13.9	0.000	7.49	6.50	~1.0 gal purged
0955		20.82	16.71	180.1	13.9	0.000	7.50	6.50	

Sample(s) Collected	Time	Preservative
VOCs	0955	HCl

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Weston

Well Purging/Groundwater Sampling Report

Project Name: 615 Broadway Kingston Brownfields Project #: N218006.1 Date: 11/6/19
Well ID: MW-4 Well Diameter (in) 1.5 Casing Type: PVC
Depth to Water: 19.79 Total Depth: 24.09 Screen Length: 10'
Sampling Method: low flow bladder pump
Tube Intake Set at: _____ Depth to Water with Tube: _____ Sampled By: JKM/EMG
Tube Diameter: ¼" OD Notes: _____

	ml\min	Ft.	NTU's	mV	°C	mS/cm	mg\L	Units	
Time	Flow	DTW	Turb	ORP	Temp	SpC	DO	PH	Comments
Min	ml/min	+/- 0.02	+/- 10%	+/- 10	+/- 3%	+/- 3%	+/- 10%	+/- 0.1	
1045	21	19.85	955.4	275.8	15.3	0.406	2.30	5.13	Began purging ~~1017~~ 1010. Initial
1050	21	19.85	837.9	284.6	15.3	0.392	2.18	5.13	conditions: turbid
1055	21	19.85	733.2	289.7	15.3	0.378	2.21	5.12	w/ med-tan sediment,
1100	21	19.85	655.4	292.3	15.5	0.369	2.22	5.12	no sheen, no
1105	21	19.85	566.0	294.3	15.5	0.361	2.20	5.11	odor.
1110	21	19.85	564.3	295.1	15.5	0.357	2.18	5.11	
1115	21	19.85	560.1	295.4	15.5	0.356	2.17	5.11	

Sample(s) Collected	Time	Preservative
VOCs	1115	HCl

Weston

Well Purging/Groundwater Sampling Report

Project Name: Kingston, NY Brownfields 61 Broadway Project #: N2180061 Date: 11/6/19
Well ID: MW-5 Well Diameter (in) _____ Casing Type: PVC
Depth to Water: 20.11 Total Depth: 23.46 Screen Length: 10'
Sampling Method: low flow bladder pump
Tube Intake Set at: _____ Depth to Water with Tube: _____ Sampled By: JKM/EMG
Tube Diameter: ¼" OD Notes: _____

	ml\min	Ft.	NTU's	mV	°C	mS/cm	mg\L	Units	
Time	Flow	DTW	Turb	ORP	Temp	SpC	DO	PH	Comments
Min	ml/min	+/- 0.02	+/- 10%	+/- 10	+/- 3%	+/- 3%	+/- 10%	+/- 0.1	
1215	143	20.23	139.15	202.9	16.2	0.000	2.36	5.34	Began purging at initial conditions
1220		20.23	149.12	222.6	16.1	0.000	1.12	5.27	
1225		20.23	165.32	230.7	16.1	0.000	0.99	5.26	
1230		20.23	141.53	237.8	16.1	0.000	0.72	5.26	
1235		20.23	145.13	240.5	16.0	0.000	0.89	5.25	

Sample(s) Collected	Time	Preservative
VOCs	1235	HCl

Weston

Well Purging/Groundwater Sampling Report

Project Name: Kingston Brownfields 615 Broadway Project #: Date: 11/5/19
Well ID: MW-6 Well Diameter (in) 1.5 Casing Type: PVC
Depth to Water: 19.92 Total Depth: 24.67 Screen Length: 10'
Sampling Method: low flow bladder pump
Tube Intake Set at: Depth to Water with Tube: Sampled By: EMG/JKM
Tube Diameter: ¼" OD Notes:

	ml\min	Ft.	NTU's	mV	°C	mS/cm	mg\L	Units	
Time	Flow	DTW	Turb	ORP	Temp	SpC	DO	PH	Comments
Min	ml/min	+/- 0.02	+/- 10%	+/- 10	+/- 3%	+/- 3%	+/- 10%	+/- 0.1	
2:25pm		19.92	37.72	156.2	14.7	0.883	6.00	6.52	Purge water: clear, no sheen, no odor.
2:30pm		19.92	29.55	166.4	14.7	0.868	5.71	6.32	
2:35pm		19.92	26.87	174.5	14.8	0.859	5.46 ~~5.46~~	6.25	
2:40pm		19.92	23.61	179.5	14.9	.857	5.45	6.23	
2:45		19.92	17.11	183.9	14.9	0.856	5.43	6.24	

Sample(s) Collected	Time	Preservative
VOCs	1445	HCl

Weston

APPENDIX D
Laboratory Analytical Data

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

June 19, 2019

Steve Shaw
Weston & Sampson - Waterbury, VT
98 South Main Street
Waterbury, VT 05676

Project Location: 615 Broadway, Kingston, NY
Client Job Number:
Project Number: N2180061
Laboratory Work Order Number: 19F0630

Enclosed are results of analyses for samples received by the laboratory on June 12, 2019. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Meghan E. Kelley
Project Manager

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con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Weston & Sampson - Waterbury, VT
98 South Main Street
Waterbury, VT 05676
ATTN: Steve Shaw

REPORT DATE: 6/19/2019

PURCHASE ORDER NUMBER:

PROJECT NUMBER: N2180061

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 19F0630

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 615 Broadway, Kingston, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
SB-2 (0-2)	19F0630-01	Soil		SM 2540G	
				SW-846 6010D	
				SW-846 7471B	
				SW-846 8082A	
				SW-846 8260C	
				SW-846 8270D	
SB-2 (16-18)	19F0630-02	Soil		SM 2540G	
				SW-846 6010D	
				SW-846 7471B	
				SW-846 8082A	
				SW-846 8260C	
				SW-846 8270D	
SB-3 (0-2)	19F0630-03	Soil		SM 2540G	
				SW-846 6010D	
				SW-846 7471B	
				SW-846 8082A	
				SW-846 8260C	
				SW-846 8270D	
SB-3 (16-18)	19F0630-04	Soil		SM 2540G	
				SW-846 6010D	
				SW-846 7471B	
				SW-846 8082A	
				SW-846 8260C	
				SW-846 8270D	
SB-4 (0-2)	19F0630-05	Soil		SM 2540G	
				SW-846 6010D	
				SW-846 7471B	
				SW-846 8260C	
				SW-846 8270D	
SB-4 (18-20)	19F0630-06	Soil		SM 2540G	
				SW-846 6010D	
				SW-846 7471B	
				SW-846 8260C	
				SW-846 8270D	
SB-5 (0-2)	19F0630-07	Soil		SM 2540G	
				SW-846 6010D	
				SW-846 7471B	
				SW-846 8082A	
				SW-846 8260C	
				SW-846 8270D	

con-test® ANALYTICAL LABORATORY
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Weston & Sampson - Waterbury, VT
98 South Main Street
Waterbury, VT 05676
ATTN: Steve Shaw

REPORT DATE: 6/19/2019

PURCHASE ORDER NUMBER:

PROJECT NUMBER: N2180061

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 19F0630

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 615 Broadway, Kingston, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
SB-5 (17-19)	19F0630-08	Soil		SM 2540G	
				SW-846 6010D	
				SW-846 7471B	
				SW-846 8082A	
				SW-846 8260C	
				SW-846 8270D	
SB-1 (0-2)	19F0630-09	Soil		SM 2540G	
				SW-846 8260C	
				SW-846 8270D	
SB-1 (17.5-19.5)	19F0630-10	Soil		SM 2540G	
				SW-846 8260C	
				SW-846 8270D	
SB-6 (0-2)	19F0630-11	Soil		SM 2540G	
				SW-846 6010D	
				SW-846 7471B	
				SW-846 8260C	
				SW-846 8270D	
SB-6 (16-18)	19F0630-12	Soil		SM 2540G	
				SW-846 6010D	
				SW-846 7471B	
				SW-846 8260C	
				SW-846 8270D	
SB-7 (0-2)	19F0630-13	Soil		SM 2540G	
				SW-846 6010D	
				SW-846 7471B	
				SW-846 8260C	
				SW-846 8270D	
SB-7 (18-20)	19F0630-14	Soil		SM 2540G	
				SW-846 6010D	
				SW-846 7471B	
				SW-846 8260C	
				SW-846 8270D	
SB-8 (0-2)	19F0630-15	Soil		SM 2540G	
				SW-846 6010D	
				SW-846 7471B	
				SW-846 8260C	
				SW-846 8270D	

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Weston & Sampson - Waterbury, VT
98 South Main Street
Waterbury, VT 05676
ATTN: Steve Shaw

REPORT DATE: 6/19/2019

PURCHASE ORDER NUMBER:

PROJECT NUMBER: N2180061

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 19F0630

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 615 Broadway, Kingston, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
SB-8 (18-20)	19F0630-16	Soil		SM 2540G	
				SW-846 6010D	
				SW-846 7471B	
				SW-846 8260C	
				SW-846 8270D	
SB-Dup	19F0630-17	Soil		SM 2540G	
				SW-846 6010D	
				SW-846 7471B	
				SW-846 8082A	
				SW-846 8260C	
				SW-846 8270D	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

SW-846 8082A

Qualifications:

DL-04

Elevated reporting limit due to high concentration of an interfering analyte(s).

Analyte & Samples(s) Qualified:

19F0630-07[SB-5 (0-2)]

S-01

The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.

Analyte & Samples(s) Qualified:

Decachlorobiphenyl
19F0630-07[SB-5 (0-2)]

Decachlorobiphenyl [2C]
19F0630-07[SB-5 (0-2)]

Tetrachloro-m-xylene
19F0630-07[SB-5 (0-2)]

Tetrachloro-m-xylene [2C]
19F0630-07[SB-5 (0-2)]

SW-846 8260C

Qualifications:

L-07

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.

Analyte & Samples(s) Qualified:

tert-Butyl Alcohol (TBA)
B233252-BSD1

V-20

Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:

tert-Butyl Alcohol (TBA)
B233252-BS1, B233252-BSD1, S037093-CCV1

V-34

Initial calibration verification (ICV) did not meet method specifications and was biased on the low side for this compound. Reported result is estimated.

Analyte & Samples(s) Qualified:

Bromomethane
19F0630-01[SB-2 (0-2)], 19F0630-02[SB-2 (16-18)], 19F0630-03[SB-3 (0-2)], 19F0630-04[SB-3 (16-18)], 19F0630-05[SB-4 (0-2)], 19F0630-06[SB-4 (18-20)], 19F0630-07[SB-5 (0-2)], 19F0630-08[SB-5 (17-19)], 19F0630-09[SB-1 (0-2)], 19F0630-10[SB-1 (17.5-19.5)], 19F0630- 11[SB-6 (0-2)], 19F0630-12[SB-6 (16-18)], 19F0630-13[SB-7 (0-2)], 19F0630-14[SB-7 (18-20)], 19F0630-15[SB-8 (0-2)], 19F0630-16[SB-8 (18-20)], 19F0630-17[SB-Dup], B233215-BLK1, B233215-BS1, B233215-BSD1, B233252-BLK1, B233252-BS1, B233252-BSD1, S037092-CCV1, S037093-CCV1

V-35

Initial calibration verification (ICV) did not meet method specifications and was biased on the high side for this compound. Reported result is estimated.

Analyte & Samples(s) Qualified:

Acetone
B233215-BS1, B233215-BSD1, B233252-BS1, B233252-BSD1, S037092-CCV1, S037093-CCV1

SW-846 8270D

Qualifications:

L-04

Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

Benzoic Acid
19F0630-01[SB-2 (0-2)], 19F0630-02[SB-2 (16-18)], 19F0630-03[SB-3 (0-2)], 19F0630-04[SB-3 (16-18)], 19F0630-05[SB-4 (0-2)], 19F0630-06[SB-4 (18-20)], 19F0630-07[SB-5 (0-2)], 19F0630-08[SB-5 (17-19)], 19F0630-09[SB-1 (0-2)], 19F0630-10[SB-1 (17.5-19.5)], 19F0630- 11[SB-6 (0-2)], 19F0630-12[SB-6 (16-18)], 19F0630-13[SB-7 (0-2)], 19F0630-14[SB-7 (18-20)], 19F0630-15[SB-8 (0-2)], 19F0630-16[SB-8 (18-20)], 19F0630-17[SB-Dup], B233189-BLK1, B233189-BS1, B233189-BSD1

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V-04

Initial calibration did not meet method specifications. Compound was calibrated using a response factor where %RSD is outside of method specified criteria. Reported result is estimated.

Analyte & Samples(s) Qualified:

Benzidine

19F0630-01[SB-2 (0-2)], 19F0630-02[SB-2 (16-18)], 19F0630-03[SB-3 (0-2)], 19F0630-04[SB-3 (16-18)], 19F0630-05[SB-4 (0-2)], 19F0630-06[SB-4 (18-20)], 19F0630-07[SB-5 (0-2)], 19F0630-08[SB-5 (17-19)], 19F0630-09[SB-1 (0-2)], 19F0630-10[SB-1 (17.5-19.5)], 19F0630- 11[SB-6 (0-2)], 19F0630-12[SB-6 (16-18)], 19F0630-13[SB-7 (0-2)], 19F0630-14[SB-7 (18-20)], 19F0630-15[SB-8 (0-2)], 19F0630-16[SB-8 (18-20)], 19F0630-17[SB-Dup], B233189-BLK1, B233189-BS1, B233189-BSD1, S037163-CCV1, S037217-CCV1, S037254-CCV1

V-05

Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.

Analyte & Samples(s) Qualified:

2,4-Dinitrophenol

19F0630-01[SB-2 (0-2)], 19F0630-02[SB-2 (16-18)], 19F0630-03[SB-3 (0-2)], 19F0630-04[SB-3 (16-18)], 19F0630-05[SB-4 (0-2)], 19F0630-06[SB-4 (18-20)], 19F0630-07[SB-5 (0-2)], 19F0630-08[SB-5 (17-19)], 19F0630-09[SB-1 (0-2)], B233189-BS1, S037217-CCV1

Benzidine

19F0630-01[SB-2 (0-2)], 19F0630-02[SB-2 (16-18)], 19F0630-03[SB-3 (0-2)], 19F0630-04[SB-3 (16-18)], 19F0630-05[SB-4 (0-2)], 19F0630-06[SB-4 (18-20)], 19F0630-07[SB-5 (0-2)], 19F0630-08[SB-5 (17-19)], 19F0630-09[SB-1 (0-2)], B233189-BLK1, B233189-BS1, B233189-BSD1, S037163-CCV1, S037217-CCV1

Di-n-octylphthalate

19F0630-01[SB-2 (0-2)], 19F0630-02[SB-2 (16-18)], 19F0630-03[SB-3 (0-2)], 19F0630-04[SB-3 (16-18)], 19F0630-05[SB-4 (0-2)], 19F0630-06[SB-4 (18-20)], 19F0630-07[SB-5 (0-2)], 19F0630-08[SB-5 (17-19)], 19F0630-09[SB-1 (0-2)], B233189-BS1, S037217-CCV1

Hexachlorocyclopentadiene

19F0630-01[SB-2 (0-2)], 19F0630-02[SB-2 (16-18)], 19F0630-03[SB-3 (0-2)], 19F0630-04[SB-3 (16-18)], 19F0630-05[SB-4 (0-2)], 19F0630-06[SB-4 (18-20)], 19F0630-07[SB-5 (0-2)], 19F0630-08[SB-5 (17-19)], 19F0630-09[SB-1 (0-2)], B233189-BS1, S037217-CCV1

V-16

Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy may be associated with reported result.

Analyte & Samples(s) Qualified:

Pentachloronitrobenzene

19F0630-01[SB-2 (0-2)], 19F0630-02[SB-2 (16-18)], 19F0630-03[SB-3 (0-2)], 19F0630-04[SB-3 (16-18)], 19F0630-05[SB-4 (0-2)], 19F0630-06[SB-4 (18-20)], 19F0630-07[SB-5 (0-2)], 19F0630-08[SB-5 (17-19)], 19F0630-09[SB-1 (0-2)], B233189-BS1, S037217-CCV1

V-34

Initial calibration verification (ICV) did not meet method specifications and was biased on the low side for this compound. Reported result is estimated.

Analyte & Samples(s) Qualified:

3,3-Dichlorobenzidine

19F0630-10[SB-1 (17.5-19.5)], 19F0630-11[SB-6 (0-2)], 19F0630-12[SB-6 (16-18)], 19F0630-13[SB-7 (0-2)], 19F0630-14[SB-7 (18-20)], 19F0630-15[SB-8 (0-2)], 19F0630-16[SB-8 (18-20)], 19F0630-17[SB-Dup], B233189-BLK1, B233189-BS1, B233189-BSD1, S037163-CCV1, S037254-CCV1

4-Chloroaniline

19F0630-01[SB-2 (0-2)], 19F0630-02[SB-2 (16-18)], 19F0630-03[SB-3 (0-2)], 19F0630-04[SB-3 (16-18)], 19F0630-05[SB-4 (0-2)], 19F0630-06[SB-4 (18-20)], 19F0630-07[SB-5 (0-2)], 19F0630-08[SB-5 (17-19)], 19F0630-09[SB-1 (0-2)], 19F0630-10[SB-1 (17.5-19.5)], 19F0630- 11[SB-6 (0-2)], 19F0630-12[SB-6 (16-18)], 19F0630-13[SB-7 (0-2)], 19F0630-14[SB-7 (18-20)], 19F0630-15[SB-8 (0-2)], 19F0630-16[SB-8 (18-20)], 19F0630-17[SB-Dup], B233189-BLK1, B233189-BS1, B233189-BSD1, S037163-CCV1, S037217-CCV1, S037254-CCV1

Aniline

19F0630-01[SB-2 (0-2)], 19F0630-02[SB-2 (16-18)], 19F0630-03[SB-3 (0-2)], 19F0630-04[SB-3 (16-18)], 19F0630-05[SB-4 (0-2)], 19F0630-06[SB-4 (18-20)], 19F0630-07[SB-5 (0-2)], 19F0630-08[SB-5 (17-19)], 19F0630-09[SB-1 (0-2)], B233189-BS1, S037217-CCV1

V-35

Initial calibration verification (ICV) did not meet method specifications and was biased on the high side for this compound. Reported result is estimated.

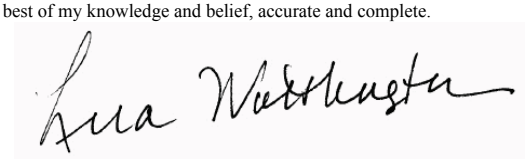
Analyte & Samples(s) Qualified:

Benzidine

19F0630-10[SB-1 (17.5-19.5)], 19F0630-11[SB-6 (0-2)], 19F0630-12[SB-6 (16-18)], 19F0630-13[SB-7 (0-2)], 19F0630-14[SB-7 (18-20)], 19F0630-15[SB-8 (0-2)], 19F0630-16[SB-8 (18-20)], 19F0630-17[SB-Dup], B233189-BLK1, B233189-BS1, B233189-BSD1, S037163-CCV1, S037254-CCV1

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The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Lisa A. Worthington
Technical Representative

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-2 (0-2) | Sampled: 6/11/2019 08:05

Sample ID: 19F0630-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	0.042	0.11	0.0096	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 13:06	MFF
Acrylonitrile	ND	0.0069	0.0011	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0011	0.00034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
Benzene	ND	0.0023	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
Bromobenzene	ND	0.0023	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
Bromochloromethane	ND	0.0046	0.00091	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
Bromodichloromethane	ND	0.0023	0.00057	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
Bromoform	ND	0.0046	0.00080	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
Bromomethane	ND	0.011	0.0013	mg/Kg dry	1	V-34	SW-846 8260C	6/13/19	6/13/19 13:06	MFF
2-Butanone (MEK)	ND	0.046	0.0063	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
tert-Butyl Alcohol (TBA)	ND	0.046	0.0051	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
n-Butylbenzene	ND	0.0023	0.00057	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
sec-Butylbenzene	ND	0.0023	0.00091	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
tert-Butylbenzene	ND	0.0023	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0011	0.00023	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
Carbon Disulfide	ND	0.0069	0.0062	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
Carbon Tetrachloride	ND	0.0023	0.00080	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
Chlorobenzene	ND	0.0023	0.00057	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
Chlorodibromomethane	ND	0.0023	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
Chloroethane	ND	0.023	0.00091	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
Chloroform	ND	0.0046	0.00057	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
Chloromethane	ND	0.011	0.00080	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
2-Chlorotoluene	ND	0.0023	0.00034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
4-Chlorotoluene	ND	0.0023	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0023	0.0011	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
1,2-Dibromoethane (EDB)	ND	0.0011	0.00080	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
Dibromomethane	ND	0.0023	0.00091	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
1,2-Dichlorobenzene	ND	0.0023	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
1,3-Dichlorobenzene	ND	0.0023	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
1,4-Dichlorobenzene	ND	0.0023	0.00091	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
trans-1,4-Dichloro-2-butene	ND	0.0046	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.023	0.0013	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
1,1-Dichloroethane	ND	0.0023	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
1,2-Dichloroethane	ND	0.0023	0.00057	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
1,1-Dichloroethylene	ND	0.0046	0.00080	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
cis-1,2-Dichloroethylene	ND	0.0023	0.00080	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
trans-1,2-Dichloroethylene	ND	0.0023	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
1,2-Dichloropropane	ND	0.0023	0.00091	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
1,3-Dichloropropane	ND	0.0011	0.00057	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
2,2-Dichloropropane	ND	0.0023	0.00091	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
1,1-Dichloropropene	ND	0.0046	0.00091	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
cis-1,3-Dichloropropene	ND	0.0011	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
trans-1,3-Dichloropropene	ND	0.0011	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
Diethyl Ether	0.0018	0.023	0.00080	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 13:06	MFF

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-2 (0-2) | Sampled: 6/11/2019 08:05

Sample ID: 19F0630-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0011	0.00023	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
1,4-Dioxane	ND	0.11	0.0061	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
Ethylbenzene	ND	0.0023	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
Hexachlorobutadiene	ND	0.0023	0.00080	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
2-Hexanone (MBK)	ND	0.023	0.0023	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
Isopropylbenzene (Cumene)	ND	0.0023	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0023	0.00057	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
Methyl Acetate	ND	0.0023	0.00080	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0046	0.00034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
Methyl Cyclohexane	ND	0.0023	0.00080	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
Methylene Chloride	0.0021	0.023	0.0011	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 13:06	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.023	0.0029	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
Naphthalene	ND	0.0046	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
n-Propylbenzene	ND	0.0023	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
Styrene	ND	0.0023	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
1,1,1,2-Tetrachloroethane	ND	0.0023	0.0011	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
1,1,2,2-Tetrachloroethane	ND	0.0011	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
Tetrachloroethylene	ND	0.0023	0.0014	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
Tetrahydrofuran	ND	0.011	0.0013	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
Toluene	0.0012	0.0023	0.00069	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 13:06	MFF
1,2,3-Trichlorobenzene	ND	0.0023	0.0011	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
1,2,4-Trichlorobenzene	ND	0.0023	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
1,3,5-Trichlorobenzene	ND	0.0023	0.00034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
1,1,1-Trichloroethane	ND	0.0023	0.00057	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
1,1,2-Trichloroethane	ND	0.0023	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
Trichloroethylene	ND	0.0023	0.00091	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
Trichlorofluoromethane (Freon 11)	ND	0.011	0.00080	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
1,2,3-Trichloropropane	ND	0.0046	0.00091	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.011	0.00091	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
1,2,4-Trimethylbenzene	ND	0.0023	0.00034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
1,3,5-Trimethylbenzene	ND	0.0023	0.00057	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
Vinyl Chloride	ND	0.011	0.0010	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
m+p Xylene	ND	0.0046	0.0011	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
o-Xylene	ND	0.0023	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	97.4	70-130		6/13/19 13:06
Toluene-d8	100	70-130		6/13/19 13:06
4-Bromofluorobenzene	102	70-130		6/13/19 13:06

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-2 (0-2) | Sampled: 6/11/2019 08:05

Sample ID: 19F0630-01

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.19	0.099	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
Acenaphthylene	ND	0.19	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
Acetophenone	ND	0.37	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
Aniline	ND	0.37	0.088	mg/Kg dry	1	V-34	SW-846 8270D	6/13/19	6/17/19 19:10	KLB
Anthracene	ND	0.19	0.099	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
Benzidine	ND	0.73	0.20	mg/Kg dry	1	V-04, V-05	SW-846 8270D	6/13/19	6/17/19 19:10	KLB
Benzo(a)anthracene	ND	0.19	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
Benzo(a)pyrene	ND	0.19	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
Benzo(b)fluoranthene	ND	0.19	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
Benzo(g,h,i)perylene	ND	0.19	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
Benzo(k)fluoranthene	ND	0.19	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
Benzoic Acid	ND	1.1	0.65	mg/Kg dry	1	L-04	SW-846 8270D	6/13/19	6/17/19 19:10	KLB
Bis(2-chloroethoxy)methane	ND	0.37	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
Bis(2-chloroethyl)ether	ND	0.37	0.19	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
Bis(2-chloroisopropyl)ether	ND	0.37	0.25	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
Bis(2-Ethylhexyl)phthalate	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
4-Bromophenylphenylether	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
Butylbenzylphthalate	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
Carbazole	ND	0.19	0.099	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
4-Chloroaniline	ND	0.73	0.15	mg/Kg dry	1	V-34	SW-846 8270D	6/13/19	6/17/19 19:10	KLB
4-Chloro-3-methylphenol	ND	0.73	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
2-Chloronaphthalene	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
2-Chlorophenol	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
4-Chlorophenylphenylether	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
Chrysene	ND	0.19	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
Dibenz(a,h)anthracene	ND	0.19	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
Dibenzofuran	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
Di-n-butylphthalate	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
1,2-Dichlorobenzene	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
1,3-Dichlorobenzene	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
1,4-Dichlorobenzene	ND	0.37	0.099	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
3,3-Dichlorobenzidine	ND	0.19	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
2,4-Dichlorophenol	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
Diethylphthalate	ND	0.37	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
2,4-Dimethylphenol	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
Dimethylphthalate	ND	0.37	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
4,6-Dinitro-2-methylphenol	ND	0.37	0.33	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
2,4-Dinitrophenol	ND	0.73	0.51	mg/Kg dry	1	V-05	SW-846 8270D	6/13/19	6/17/19 19:10	KLB
2,4-Dinitrotoluene	ND	0.37	0.18	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
2,6-Dinitrotoluene	ND	0.37	0.18	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
Di-n-octylphthalate	ND	0.37	0.17	mg/Kg dry	1	V-05	SW-846 8270D	6/13/19	6/17/19 19:10	KLB
1,2-Diphenylhydrazine/Azobenzene	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
Fluoranthene	ND	0.19	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
Fluorene	ND	0.19	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-2 (0-2) | Sampled: 6/11/2019 08:05

Sample ID: 19F0630-01

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.37	0.099	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
Hexachlorobutadiene	ND	0.37	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
Hexachlorocyclopentadiene	ND	0.37	0.31	mg/Kg dry	1	V-05	SW-846 8270D	6/13/19	6/17/19 19:10	KLB
Hexachloroethane	ND	0.37	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
Indeno(1,2,3-cd)pyrene	ND	0.19	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
Isophorone	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
1-Methylnaphthalene	ND	0.19	0.099	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
2-Methylnaphthalene	ND	0.19	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
2-Methylphenol	ND	0.37	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
3/4-Methylphenol	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
Naphthalene	ND	0.19	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
2-Nitroaniline	ND	0.37	0.22	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
3-Nitroaniline	ND	0.37	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
4-Nitroaniline	ND	0.37	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
Nitrobenzene	ND	0.37	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
2-Nitrophenol	ND	0.37	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
4-Nitrophenol	ND	0.73	0.26	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
N-Nitrosodimethylamine	ND	0.37	0.20	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
N-Nitrosodiphenylamine/Diphenylamine	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
N-Nitrosodi-n-propylamine	ND	0.37	0.17	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
Pentachloronitrobenzene	ND	0.37	0.13	mg/Kg dry	1	V-16	SW-846 8270D	6/13/19	6/17/19 19:10	KLB
Pentachlorophenol	ND	0.37	0.25	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
Phenanthrene	ND	0.19	0.099	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
Phenol	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
Pyrene	ND	0.19	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
Pyridine	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
1,2,4,5-Tetrachlorobenzene	ND	0.37	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
1,2,4-Trichlorobenzene	ND	0.37	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
2,4,5-Trichlorophenol	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
2,4,6-Trichlorophenol	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	56.0	30-130		6/17/19 19:10
Phenol-d6	64.2	30-130		6/17/19 19:10
Nitrobenzene-d5	66.8	30-130		6/17/19 19:10
2-Fluorobiphenyl	70.7	30-130		6/17/19 19:10
2,4,6-Tribromophenol	50.0	30-130		6/17/19 19:10
p-Terphenyl-d14	87.4	30-130		6/17/19 19:10

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-2 (0-2) | Sampled: 6/11/2019 08:05

Sample ID: 19F0630-01

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.089	0.040	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 20:22	AYH
Aroclor-1221 [1]	ND	0.089	0.067	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 20:22	AYH
Aroclor-1232 [1]	ND	0.089	0.080	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 20:22	AYH
Aroclor-1242 [1]	ND	0.089	0.067	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 20:22	AYH
Aroclor-1248 [1]	ND	0.089	0.031	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 20:22	AYH
Aroclor-1254 [1]	ND	0.089	0.036	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 20:22	AYH
Aroclor-1260 [1]	ND	0.089	0.049	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 20:22	AYH
Aroclor-1262 [1]	ND	0.089	0.044	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 20:22	AYH
Aroclor-1268 [1]	ND	0.089	0.071	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 20:22	AYH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	89.0	30-150		6/18/19 20:22
Decachlorobiphenyl [2]	90.8	30-150		6/18/19 20:22
Tetrachloro-m-xylene [1]	89.1	30-150		6/18/19 20:22
Tetrachloro-m-xylene [2]	86.4	30-150		6/18/19 20:22

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Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-2 (0-2) Sampled: 6/11/2019 08:05

Sample ID: 19F0630-01

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	2.9	1.9	0.94	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 14:58	EJB
Barium	30	1.9	0.92	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 14:58	EJB
Cadmium	0.21	0.19	0.11	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 14:58	EJB
Chromium	8.2	0.37	0.23	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 14:58	EJB
Lead	11	0.56	0.33	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 14:58	EJB
Mercury	0.056	0.029	0.0086	mg/Kg dry	1		SW-846 7471B	6/17/19	6/18/19 10:42	AJL
Selenium	ND	3.7	3.1	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 14:58	EJB
Silver	ND	0.37	0.22	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 14:58	EJB

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Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-2 (0-2) Sampled: 6/11/2019 08:05

Sample ID: 19F0630-01

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.6		% Wt	1		SM 2540G	6/13/19	6/14/19 7:42	JDN

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Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-2 (16-18) | Sampled: 6/11/2019 08:15

Sample ID: 19F0630-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	0.0073	0.067	0.0056	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 13:33	MFF
Acrylonitrile	ND	0.0040	0.00067	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00067	0.00020	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
Benzene	ND	0.0013	0.00040	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
Bromobenzene	ND	0.0013	0.00027	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
Bromochloromethane	ND	0.0027	0.00053	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
Bromodichloromethane	ND	0.0013	0.00033	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
Bromoform	ND	0.0027	0.00047	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
Bromomethane	ND	0.0067	0.00073	mg/Kg dry	1	V-34	SW-846 8260C	6/13/19	6/13/19 13:33	MFF
2-Butanone (MEK)	ND	0.027	0.0037	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
tert-Butyl Alcohol (TBA)	ND	0.027	0.0030	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
n-Butylbenzene	ND	0.0013	0.00033	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
sec-Butylbenzene	ND	0.0013	0.00053	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
tert-Butylbenzene	ND	0.0013	0.00040	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00067	0.00013	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
Carbon Disulfide	ND	0.0040	0.0036	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
Carbon Tetrachloride	ND	0.0013	0.00047	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
Chlorobenzene	ND	0.0013	0.00033	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
Chlorodibromomethane	ND	0.0013	0.00027	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
Chloroethane	ND	0.013	0.00053	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
Chloroform	ND	0.0027	0.00033	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
Chloromethane	ND	0.0067	0.00047	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
2-Chlorotoluene	ND	0.0013	0.00020	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
4-Chlorotoluene	ND	0.0013	0.00027	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0013	0.00067	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
1,2-Dibromoethane (EDB)	ND	0.00067	0.00047	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
Dibromomethane	ND	0.0013	0.00053	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
1,2-Dichlorobenzene	ND	0.0013	0.00027	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
1,3-Dichlorobenzene	ND	0.0013	0.00027	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
1,4-Dichlorobenzene	ND	0.0013	0.00053	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
trans-1,4-Dichloro-2-butene	ND	0.0027	0.00040	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.013	0.00073	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
1,1-Dichloroethane	ND	0.0013	0.00027	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
1,2-Dichloroethane	ND	0.0013	0.00033	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
1,1-Dichloroethylene	ND	0.0027	0.00047	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
cis-1,2-Dichloroethylene	ND	0.0013	0.00047	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
trans-1,2-Dichloroethylene	ND	0.0013	0.00040	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
1,2-Dichloropropane	ND	0.0013	0.00053	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
1,3-Dichloropropane	ND	0.00067	0.00033	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
2,2-Dichloropropane	ND	0.0013	0.00053	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
1,1-Dichloropropene	ND	0.0027	0.00053	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
cis-1,3-Dichloropropene	ND	0.00067	0.00027	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
trans-1,3-Dichloropropene	ND	0.00067	0.00027	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
Diethyl Ether	0.0015	0.013	0.00047	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 13:33	MFF

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-2 (16-18) | Sampled: 6/11/2019 08:15

Sample ID: 19F0630-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.00067	0.00013	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
1,4-Dioxane	ND	0.067	0.0035	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
Ethylbenzene	ND	0.0013	0.00040	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
Hexachlorobutadiene	ND	0.0013	0.00047	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
2-Hexanone (MBK)	ND	0.013	0.0013	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
Isopropylbenzene (Cumene)	ND	0.0013	0.00040	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0013	0.00033	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
Methyl Acetate	ND	0.0013	0.00047	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0027	0.00020	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
Methyl Cyclohexane	ND	0.0013	0.00047	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
Methylene Chloride	0.0016	0.013	0.00067	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 13:33	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.013	0.0017	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
Naphthalene	ND	0.0027	0.00027	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
n-Propylbenzene	ND	0.0013	0.00040	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
Styrene	ND	0.0013	0.00027	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
1,1,1,2-Tetrachloroethane	ND	0.0013	0.00067	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
1,1,2,2-Tetrachloroethane	ND	0.00067	0.00027	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
Tetrachloroethylene	ND	0.0013	0.00080	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
Tetrahydrofuran	ND	0.0067	0.00073	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
Toluene	ND	0.0013	0.00040	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
1,2,3-Trichlorobenzene	ND	0.0013	0.00067	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
1,2,4-Trichlorobenzene	ND	0.0013	0.00027	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
1,3,5-Trichlorobenzene	ND	0.0013	0.00020	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
1,1,1-Trichloroethane	ND	0.0013	0.00033	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
1,1,2-Trichloroethane	ND	0.0013	0.00027	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
Trichloroethylene	ND	0.0013	0.00053	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0067	0.00047	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
1,2,3-Trichloropropane	ND	0.0027	0.00053	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0067	0.00053	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
1,2,4-Trimethylbenzene	ND	0.0013	0.00020	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
1,3,5-Trimethylbenzene	ND	0.0013	0.00033	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
Vinyl Chloride	ND	0.0067	0.00060	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
m+p Xylene	ND	0.0027	0.00067	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
o-Xylene	ND	0.0013	0.00040	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	99.8	70-130		6/13/19 13:33
Toluene-d8	100	70-130		6/13/19 13:33
4-Bromofluorobenzene	103	70-130		6/13/19 13:33

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Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-2 (16-18) | Sampled: 6/11/2019 08:15

Sample ID: 19F0630-02

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.18	0.094	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
Acenaphthylene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
Acetophenone	ND	0.36	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
Aniline	ND	0.36	0.084	mg/Kg dry	1	V-34	SW-846 8270D	6/13/19	6/17/19 19:36	KLB
Anthracene	ND	0.18	0.094	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
Benzidine	ND	0.69	0.19	mg/Kg dry	1	V-04, V-05	SW-846 8270D	6/13/19	6/17/19 19:36	KLB
Benzo(a)anthracene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
Benzo(a)pyrene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
Benzo(b)fluoranthene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
Benzo(g,h,i)perylene	ND	0.18	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
Benzo(k)fluoranthene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
Benzoic Acid	ND	1.0	0.62	mg/Kg dry	1	L-04	SW-846 8270D	6/13/19	6/17/19 19:36	KLB
Bis(2-chloroethoxy)methane	ND	0.36	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
Bis(2-chloroethyl)ether	ND	0.36	0.18	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
Bis(2-chloroisopropyl)ether	ND	0.36	0.24	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
Bis(2-Ethylhexyl)phthalate	ND	0.36	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
4-Bromophenylphenylether	ND	0.36	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
Butylbenzylphthalate	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
Carbazole	ND	0.18	0.094	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
4-Chloroaniline	ND	0.69	0.15	mg/Kg dry	1	V-34	SW-846 8270D	6/13/19	6/17/19 19:36	KLB
4-Chloro-3-methylphenol	ND	0.69	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
2-Chloronaphthalene	ND	0.36	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
2-Chlorophenol	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
4-Chlorophenylphenylether	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
Chrysene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
Dibenz(a,h)anthracene	ND	0.18	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
Dibenzofuran	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
Di-n-butylphthalate	ND	0.36	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
1,2-Dichlorobenzene	ND	0.36	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
1,3-Dichlorobenzene	ND	0.36	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
1,4-Dichlorobenzene	ND	0.36	0.094	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
3,3-Dichlorobenzidine	ND	0.18	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
2,4-Dichlorophenol	ND	0.36	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
Diethylphthalate	ND	0.36	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
2,4-Dimethylphenol	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
Dimethylphthalate	ND	0.36	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
4,6-Dinitro-2-methylphenol	ND	0.36	0.31	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
2,4-Dinitrophenol	ND	0.69	0.48	mg/Kg dry	1	V-05	SW-846 8270D	6/13/19	6/17/19 19:36	KLB
2,4-Dinitrotoluene	ND	0.36	0.17	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
2,6-Dinitrotoluene	ND	0.36	0.17	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
Di-n-octylphthalate	ND	0.36	0.16	mg/Kg dry	1	V-05	SW-846 8270D	6/13/19	6/17/19 19:36	KLB
1,2-Diphenylhydrazine/Azobenzene	ND	0.36	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
Fluoranthene	ND	0.18	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
Fluorene	ND	0.18	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-2 (16-18) | Sampled: 6/11/2019 08:15

Sample ID: 19F0630-02

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.36	0.094	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
Hexachlorobutadiene	ND	0.36	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
Hexachlorocyclopentadiene	ND	0.36	0.29	mg/Kg dry	1	V-05	SW-846 8270D	6/13/19	6/17/19 19:36	KLB
Hexachloroethane	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
Indeno(1,2,3-cd)pyrene	ND	0.18	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
Isophorone	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
1-Methylnaphthalene	ND	0.18	0.094	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
2-Methylnaphthalene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
2-Methylphenol	ND	0.36	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
3/4-Methylphenol	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
Naphthalene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
2-Nitroaniline	ND	0.36	0.21	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
3-Nitroaniline	ND	0.36	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
4-Nitroaniline	ND	0.36	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
Nitrobenzene	ND	0.36	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
2-Nitrophenol	ND	0.36	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
4-Nitrophenol	ND	0.69	0.25	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
N-Nitrosodimethylamine	ND	0.36	0.19	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
N-Nitrosodiphenylamine/Diphenylamine	ND	0.36	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
N-Nitrosodi-n-propylamine	ND	0.36	0.16	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
Pentachloronitrobenzene	ND	0.36	0.13	mg/Kg dry	1	V-16	SW-846 8270D	6/13/19	6/17/19 19:36	KLB
Pentachlorophenol	ND	0.36	0.24	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
Phenanthrene	ND	0.18	0.094	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
Phenol	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
Pyrene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
Pyridine	ND	0.36	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
1,2,4,5-Tetrachlorobenzene	ND	0.36	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
1,2,4-Trichlorobenzene	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
2,4,5-Trichlorophenol	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
2,4,6-Trichlorophenol	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	64.3	30-130		6/17/19 19:36
Phenol-d6	69.8	30-130		6/17/19 19:36
Nitrobenzene-d5	72.2	30-130		6/17/19 19:36
2-Fluorobiphenyl	77.0	30-130		6/17/19 19:36
2,4,6-Tribromophenol	65.9	30-130		6/17/19 19:36
p-Terphenyl-d14	84.4	30-130		6/17/19 19:36

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-2 (16-18) | Sampled: 6/11/2019 08:15

Sample ID: 19F0630-02

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.085	0.038	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 20:35	AYH
Aroclor-1221 [1]	ND	0.085	0.064	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 20:35	AYH
Aroclor-1232 [1]	ND	0.085	0.076	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 20:35	AYH
Aroclor-1242 [1]	ND	0.085	0.064	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 20:35	AYH
Aroclor-1248 [1]	ND	0.085	0.030	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 20:35	AYH
Aroclor-1254 [1]	ND	0.085	0.034	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 20:35	AYH
Aroclor-1260 [1]	ND	0.085	0.047	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 20:35	AYH
Aroclor-1262 [1]	ND	0.085	0.042	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 20:35	AYH
Aroclor-1268 [1]	ND	0.085	0.068	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 20:35	AYH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	84.0	30-150		6/18/19 20:35
Decachlorobiphenyl [2]	85.4	30-150		6/18/19 20:35
Tetrachloro-m-xylene [1]	84.6	30-150		6/18/19 20:35
Tetrachloro-m-xylene [2]	81.5	30-150		6/18/19 20:35

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Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-2 (16-18) Sampled: 6/11/2019 08:15

Sample ID: 19F0630-02

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	2.6	1.8	0.89	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 15:03	EJB
Barium	34	1.8	0.87	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 15:03	EJB
Cadmium	0.22	0.18	0.11	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 15:03	EJB
Chromium	11	0.35	0.22	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 15:03	EJB
Lead	6.8	0.53	0.31	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 15:03	EJB
Mercury	0.016	0.027	0.0082	mg/Kg dry	1	J	SW-846 7471B	6/17/19	6/18/19 10:44	AJL
Selenium	ND	3.5	2.9	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 15:03	EJB
Silver	ND	0.35	0.21	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 15:03	EJB

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Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-2 (16-18) | Sampled: 6/11/2019 08:15

Sample ID: 19F0630-02

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	94.2		% Wt	1		SM 2540G	6/13/19	6/14/19 7:42	JDN

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Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-3 (0-2) | Sampled: 6/11/2019 08:50

Sample ID: 19F0630-03

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	0.020	0.064	0.0053	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 14:00	MFF
Acrylonitrile	ND	0.0038	0.00064	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00064	0.00019	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
Benzene	ND	0.0013	0.00038	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
Bromobenzene	ND	0.0013	0.00025	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
Bromochloromethane	ND	0.0025	0.00051	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
Bromodichloromethane	ND	0.0013	0.00032	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
Bromoform	ND	0.0025	0.00044	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
Bromomethane	ND	0.0064	0.00070	mg/Kg dry	1	V-34	SW-846 8260C	6/13/19	6/13/19 14:00	MFF
2-Butanone (MEK)	ND	0.025	0.0035	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
tert-Butyl Alcohol (TBA)	ND	0.025	0.0029	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
n-Butylbenzene	ND	0.0013	0.00032	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
sec-Butylbenzene	ND	0.0013	0.00051	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
tert-Butylbenzene	ND	0.0013	0.00038	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00064	0.00013	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
Carbon Disulfide	ND	0.0038	0.0034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
Carbon Tetrachloride	ND	0.0013	0.00044	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
Chlorobenzene	ND	0.0013	0.00032	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
Chlorodibromomethane	ND	0.0013	0.00025	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
Chloroethane	ND	0.013	0.00051	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
Chloroform	ND	0.0025	0.00032	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
Chloromethane	ND	0.0064	0.00044	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
2-Chlorotoluene	ND	0.0013	0.00019	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
4-Chlorotoluene	ND	0.0013	0.00025	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0013	0.00064	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
1,2-Dibromoethane (EDB)	ND	0.00064	0.00044	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
Dibromomethane	ND	0.0013	0.00051	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
1,2-Dichlorobenzene	ND	0.0013	0.00025	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
1,3-Dichlorobenzene	ND	0.0013	0.00025	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
1,4-Dichlorobenzene	ND	0.0013	0.00051	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
trans-1,4-Dichloro-2-butene	ND	0.0025	0.00038	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.013	0.00070	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
1,1-Dichloroethane	ND	0.0013	0.00025	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
1,2-Dichloroethane	ND	0.0013	0.00032	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
1,1-Dichloroethylene	ND	0.0025	0.00044	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
cis-1,2-Dichloroethylene	ND	0.0013	0.00044	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
trans-1,2-Dichloroethylene	ND	0.0013	0.00038	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
1,2-Dichloropropane	ND	0.0013	0.00051	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
1,3-Dichloropropane	ND	0.00064	0.00032	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
2,2-Dichloropropane	ND	0.0013	0.00051	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
1,1-Dichloropropene	ND	0.0025	0.00051	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
cis-1,3-Dichloropropene	ND	0.00064	0.00025	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
trans-1,3-Dichloropropene	ND	0.00064	0.00025	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
Diethyl Ether	0.00099	0.013	0.00044	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 14:00	MFF

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-3 (0-2) | Sampled: 6/11/2019 08:50

Sample ID: 19F0630-03

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.00064	0.00013	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
1,4-Dioxane	ND	0.064	0.0034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
Ethylbenzene	ND	0.0013	0.00038	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
Hexachlorobutadiene	ND	0.0013	0.00044	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
2-Hexanone (MBK)	ND	0.013	0.0013	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
Isopropylbenzene (Cumene)	ND	0.0013	0.00038	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0013	0.00032	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
Methyl Acetate	ND	0.0013	0.00044	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0025	0.00019	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
Methyl Cyclohexane	ND	0.0013	0.00044	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
Methylene Chloride	0.0010	0.013	0.00064	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 14:00	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.013	0.0016	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
Naphthalene	ND	0.0025	0.00025	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
n-Propylbenzene	ND	0.0013	0.00038	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
Styrene	ND	0.0013	0.00025	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
1,1,1,2-Tetrachloroethane	ND	0.0013	0.00064	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
1,1,2,2-Tetrachloroethane	ND	0.00064	0.00025	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
Tetrachloroethylene	ND	0.0013	0.00076	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
Tetrahydrofuran	ND	0.0064	0.00070	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
Toluene	ND	0.0013	0.00038	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
1,2,3-Trichlorobenzene	ND	0.0013	0.00064	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
1,2,4-Trichlorobenzene	ND	0.0013	0.00025	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
1,3,5-Trichlorobenzene	ND	0.0013	0.00019	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
1,1,1-Trichloroethane	ND	0.0013	0.00032	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
1,1,2-Trichloroethane	ND	0.0013	0.00025	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
Trichloroethylene	ND	0.0013	0.00051	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0064	0.00044	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
1,2,3-Trichloropropane	ND	0.0025	0.00051	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0064	0.00051	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
1,2,4-Trimethylbenzene	ND	0.0013	0.00019	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
1,3,5-Trimethylbenzene	ND	0.0013	0.00032	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
Vinyl Chloride	ND	0.0064	0.00057	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
m+p Xylene	ND	0.0025	0.00064	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
o-Xylene	ND	0.0013	0.00038	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	99.2	70-130		6/13/19 14:00
Toluene-d8	100	70-130		6/13/19 14:00
4-Bromofluorobenzene	104	70-130		6/13/19 14:00

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-3 (0-2) | Sampled: 6/11/2019 08:50

Sample ID: 19F0630-03

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.20	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
Acenaphthylene	ND	0.20	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
Acetophenone	ND	0.40	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
Aniline	ND	0.40	0.093	mg/Kg dry	1	V-34	SW-846 8270D	6/13/19	6/17/19 20:02	KLB
Anthracene	0.18	0.20	0.10	mg/Kg dry	1	J	SW-846 8270D	6/13/19	6/17/19 20:02	KLB
Benzidine	ND	0.77	0.21	mg/Kg dry	1	V-04, V-05	SW-846 8270D	6/13/19	6/17/19 20:02	KLB
Benzo(a)anthracene	1.0	0.20	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
Benzo(a)pyrene	0.92	0.20	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
Benzo(b)fluoranthene	1.3	0.20	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
Benzo(g,h,i)perylene	0.55	0.20	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
Benzo(k)fluoranthene	0.46	0.20	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
Benzoic Acid	ND	1.2	0.69	mg/Kg dry	1	L-04	SW-846 8270D	6/13/19	6/17/19 20:02	KLB
Bis(2-chloroethoxy)methane	ND	0.40	0.16	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
Bis(2-chloroethyl)ether	ND	0.40	0.20	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
Bis(2-chloroisopropyl)ether	ND	0.40	0.27	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
Bis(2-Ethylhexyl)phthalate	ND	0.40	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
4-Bromophenylphenylether	ND	0.40	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
Butylbenzylphthalate	ND	0.40	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
Carbazole	0.11	0.20	0.10	mg/Kg dry	1	J	SW-846 8270D	6/13/19	6/17/19 20:02	KLB
4-Chloroaniline	ND	0.77	0.16	mg/Kg dry	1	V-34	SW-846 8270D	6/13/19	6/17/19 20:02	KLB
4-Chloro-3-methylphenol	ND	0.77	0.16	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
2-Chloronaphthalene	ND	0.40	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
2-Chlorophenol	ND	0.40	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
4-Chlorophenylphenylether	ND	0.40	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
Chrysene	1.1	0.20	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
Dibenz(a,h)anthracene	0.13	0.20	0.12	mg/Kg dry	1	J	SW-846 8270D	6/13/19	6/17/19 20:02	KLB
Dibenzofuran	ND	0.40	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
Di-n-butylphthalate	ND	0.40	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
1,2-Dichlorobenzene	ND	0.40	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
1,3-Dichlorobenzene	ND	0.40	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
1,4-Dichlorobenzene	ND	0.40	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
3,3-Dichlorobenzidine	ND	0.20	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
2,4-Dichlorophenol	ND	0.40	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
Diethylphthalate	ND	0.40	0.16	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
2,4-Dimethylphenol	ND	0.40	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
Dimethylphthalate	ND	0.40	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
4,6-Dinitro-2-methylphenol	ND	0.40	0.35	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
2,4-Dinitrophenol	ND	0.77	0.53	mg/Kg dry	1	V-05	SW-846 8270D	6/13/19	6/17/19 20:02	KLB
2,4-Dinitrotoluene	ND	0.40	0.19	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
2,6-Dinitrotoluene	ND	0.40	0.19	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
Di-n-octylphthalate	ND	0.40	0.17	mg/Kg dry	1	V-05	SW-846 8270D	6/13/19	6/17/19 20:02	KLB
1,2-Diphenylhydrazine/Azobenzene	ND	0.40	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
Fluoranthene	2.2	0.20	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
Fluorene	ND	0.20	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-3 (0-2) | Sampled: 6/11/2019 08:50

Sample ID: 19F0630-03

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.40	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
Hexachlorobutadiene	ND	0.40	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
Hexachlorocyclopentadiene	ND	0.40	0.33	mg/Kg dry	1	V-05	SW-846 8270D	6/13/19	6/17/19 20:02	KLB
Hexachloroethane	ND	0.40	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
Indeno(1,2,3-cd)pyrene	0.56	0.20	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
Isophorone	ND	0.40	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
1-Methylnaphthalene	ND	0.20	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
2-Methylnaphthalene	ND	0.20	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
2-Methylphenol	ND	0.40	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
3/4-Methylphenol	ND	0.40	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
Naphthalene	ND	0.20	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
2-Nitroaniline	ND	0.40	0.23	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
3-Nitroaniline	ND	0.40	0.16	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
4-Nitroaniline	ND	0.40	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
Nitrobenzene	ND	0.40	0.16	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
2-Nitrophenol	ND	0.40	0.16	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
4-Nitrophenol	ND	0.77	0.28	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
N-Nitrosodimethylamine	ND	0.40	0.21	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
N-Nitrosodiphenylamine/Diphenylamine	ND	0.40	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
N-Nitrosodi-n-propylamine	ND	0.40	0.17	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
Pentachloronitrobenzene	ND	0.40	0.14	mg/Kg dry	1	V-16	SW-846 8270D	6/13/19	6/17/19 20:02	KLB
Pentachlorophenol	ND	0.40	0.27	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
Phenanthrene	0.96	0.20	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
Phenol	ND	0.40	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
Pyrene	1.8	0.20	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
Pyridine	ND	0.40	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
1,2,4,5-Tetrachlorobenzene	ND	0.40	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
1,2,4-Trichlorobenzene	ND	0.40	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
2,4,5-Trichlorophenol	ND	0.40	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
2,4,6-Trichlorophenol	ND	0.40	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	52.1	30-130		6/17/19 20:02
Phenol-d6	58.3	30-130		6/17/19 20:02
Nitrobenzene-d5	59.7	30-130		6/17/19 20:02
2-Fluorobiphenyl	64.5	30-130		6/17/19 20:02
2,4,6-Tribromophenol	51.0	30-130		6/17/19 20:02
p-Terphenyl-d14	71.5	30-130		6/17/19 20:02

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-3 (0-2) | Sampled: 6/11/2019 08:50

Sample ID: 19F0630-03

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.091	0.041	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 22:05	AYH
Aroclor-1221 [1]	ND	0.091	0.068	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 22:05	AYH
Aroclor-1232 [1]	ND	0.091	0.082	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 22:05	AYH
Aroclor-1242 [1]	ND	0.091	0.068	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 22:05	AYH
Aroclor-1248 [1]	ND	0.091	0.032	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 22:05	AYH
Aroclor-1254 [1]	ND	0.091	0.036	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 22:05	AYH
Aroclor-1260 [1]	ND	0.091	0.050	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 22:05	AYH
Aroclor-1262 [1]	ND	0.091	0.045	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 22:05	AYH
Aroclor-1268 [1]	ND	0.091	0.073	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 22:05	AYH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	88.2	30-150		6/18/19 22:05
Decachlorobiphenyl [2]	90.4	30-150		6/18/19 22:05
Tetrachloro-m-xylene [1]	87.3	30-150		6/18/19 22:05
Tetrachloro-m-xylene [2]	83.8	30-150		6/18/19 22:05

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-3 (0-2) Sampled: 6/11/2019 08:50

Sample ID: 19F0630-03

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	6.8	1.9	0.95	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 15:08	EJB
Barium	170	1.9	0.93	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 15:08	EJB
Cadmium	0.93	0.19	0.11	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 15:08	EJB
Chromium	13	0.38	0.23	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 15:08	EJB
Lead	3000	0.57	0.33	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 15:08	EJB
Mercury	0.46	0.028	0.0084	mg/Kg dry	1		SW-846 7471B	6/17/19	6/18/19 10:45	AJL
Selenium	ND	3.8	3.1	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 15:08	EJB
Silver	ND	0.38	0.22	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 15:08	EJB

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-3 (0-2) | Sampled: 6/11/2019 08:50

Sample ID: 19F0630-03

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.8		% Wt	1		SM 2540G	6/13/19	6/14/19 7:42	JDN

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-3 (16-18) | Sampled: 6/11/2019 09:05

Sample ID: 19F0630-04

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	0.0061	0.066	0.0055	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 14:27	MFF
Acrylonitrile	ND	0.0039	0.00066	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00066	0.00020	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
Benzene	ND	0.0013	0.00039	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
Bromobenzene	ND	0.0013	0.00026	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
Bromochloromethane	ND	0.0026	0.00053	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
Bromodichloromethane	ND	0.0013	0.00033	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
Bromoform	ND	0.0026	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
Bromomethane	ND	0.0066	0.00072	mg/Kg dry	1	V-34	SW-846 8260C	6/13/19	6/13/19 14:27	MFF
2-Butanone (MEK)	ND	0.026	0.0036	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
tert-Butyl Alcohol (TBA)	ND	0.026	0.0030	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
n-Butylbenzene	ND	0.0013	0.00033	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
sec-Butylbenzene	ND	0.0013	0.00053	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
tert-Butylbenzene	ND	0.0013	0.00039	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00066	0.00013	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
Carbon Disulfide	ND	0.0039	0.0036	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
Carbon Tetrachloride	ND	0.0013	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
Chlorobenzene	ND	0.0013	0.00033	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
Chlorodibromomethane	ND	0.0013	0.00026	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
Chloroethane	ND	0.013	0.00053	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
Chloroform	ND	0.0026	0.00033	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
Chloromethane	ND	0.0066	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
2-Chlorotoluene	ND	0.0013	0.00020	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
4-Chlorotoluene	ND	0.0013	0.00026	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0013	0.00066	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
1,2-Dibromoethane (EDB)	ND	0.00066	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
Dibromomethane	ND	0.0013	0.00053	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
1,2-Dichlorobenzene	ND	0.0013	0.00026	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
1,3-Dichlorobenzene	ND	0.0013	0.00026	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
1,4-Dichlorobenzene	ND	0.0013	0.00053	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
trans-1,4-Dichloro-2-butene	ND	0.0026	0.00039	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.013	0.00072	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
1,1-Dichloroethane	ND	0.0013	0.00026	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
1,2-Dichloroethane	ND	0.0013	0.00033	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
1,1-Dichloroethylene	ND	0.0026	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
cis-1,2-Dichloroethylene	ND	0.0013	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
trans-1,2-Dichloroethylene	ND	0.0013	0.00039	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
1,2-Dichloropropane	ND	0.0013	0.00053	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
1,3-Dichloropropane	ND	0.00066	0.00033	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
2,2-Dichloropropane	ND	0.0013	0.00053	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
1,1-Dichloropropene	ND	0.0026	0.00053	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
cis-1,3-Dichloropropene	ND	0.00066	0.00026	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
trans-1,3-Dichloropropene	ND	0.00066	0.00026	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
Diethyl Ether	0.0015	0.013	0.00046	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 14:27	MFF

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-3 (16-18) | Sampled: 6/11/2019 09:05

Sample ID: 19F0630-04

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.00066	0.00013	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
1,4-Dioxane	ND	0.066	0.0035	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
Ethylbenzene	ND	0.0013	0.00039	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
Hexachlorobutadiene	ND	0.0013	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
2-Hexanone (MBK)	ND	0.013	0.0013	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
Isopropylbenzene (Cumene)	ND	0.0013	0.00039	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0013	0.00033	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
Methyl Acetate	ND	0.0013	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0026	0.00020	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
Methyl Cyclohexane	ND	0.0013	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
Methylene Chloride	0.0023	0.013	0.00066	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 14:27	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.013	0.0016	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
Naphthalene	ND	0.0026	0.00026	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
n-Propylbenzene	ND	0.0013	0.00039	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
Styrene	ND	0.0013	0.00026	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
1,1,1,2-Tetrachloroethane	ND	0.0013	0.00066	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
1,1,2,2-Tetrachloroethane	ND	0.00066	0.00026	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
Tetrachloroethylene	ND	0.0013	0.00079	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
Tetrahydrofuran	ND	0.0066	0.00072	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
Toluene	0.0012	0.0013	0.00039	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 14:27	MFF
1,2,3-Trichlorobenzene	ND	0.0013	0.00066	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
1,2,4-Trichlorobenzene	ND	0.0013	0.00026	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
1,3,5-Trichlorobenzene	ND	0.0013	0.00020	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
1,1,1-Trichloroethane	ND	0.0013	0.00033	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
1,1,2-Trichloroethane	ND	0.0013	0.00026	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
Trichloroethylene	ND	0.0013	0.00053	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0066	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
1,2,3-Trichloropropane	ND	0.0026	0.00053	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0066	0.00053	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
1,2,4-Trimethylbenzene	ND	0.0013	0.00020	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
1,3,5-Trimethylbenzene	ND	0.0013	0.00033	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
Vinyl Chloride	ND	0.0066	0.00059	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
m+p Xylene	ND	0.0026	0.00066	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
o-Xylene	ND	0.0013	0.00039	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	100	70-130		6/13/19 14:27
Toluene-d8	99.4	70-130		6/13/19 14:27
4-Bromofluorobenzene	102	70-130		6/13/19 14:27

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-3 (16-18) | Sampled: 6/11/2019 09:05

Sample ID: 19F0630-04

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.18	0.095	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
Acenaphthylene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
Acetophenone	ND	0.36	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
Aniline	ND	0.36	0.084	mg/Kg dry	1	V-34	SW-846 8270D	6/13/19	6/17/19 20:28	KLB
Anthracene	ND	0.18	0.095	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
Benzidine	ND	0.70	0.19	mg/Kg dry	1	V-04, V-05	SW-846 8270D	6/13/19	6/17/19 20:28	KLB
Benzo(a)anthracene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
Benzo(a)pyrene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
Benzo(b)fluoranthene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
Benzo(g,h,i)perylene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
Benzo(k)fluoranthene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
Benzoic Acid	ND	1.1	0.62	mg/Kg dry	1	L-04	SW-846 8270D	6/13/19	6/17/19 20:28	KLB
Bis(2-chloroethoxy)methane	ND	0.36	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
Bis(2-chloroethyl)ether	ND	0.36	0.18	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
Bis(2-chloroisopropyl)ether	ND	0.36	0.24	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
Bis(2-Ethylhexyl)phthalate	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
4-Bromophenylphenylether	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
Butylbenzylphthalate	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
Carbazole	ND	0.18	0.095	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
4-Chloroaniline	ND	0.70	0.15	mg/Kg dry	1	V-34	SW-846 8270D	6/13/19	6/17/19 20:28	KLB
4-Chloro-3-methylphenol	ND	0.70	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
2-Chloronaphthalene	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
2-Chlorophenol	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
4-Chlorophenylphenylether	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
Chrysene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
Dibenz(a,h)anthracene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
Dibenzofuran	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
Di-n-butylphthalate	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
1,2-Dichlorobenzene	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
1,3-Dichlorobenzene	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
1,4-Dichlorobenzene	ND	0.36	0.095	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
3,3-Dichlorobenzidine	ND	0.18	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
2,4-Dichlorophenol	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
Diethylphthalate	ND	0.36	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
2,4-Dimethylphenol	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
Dimethylphthalate	ND	0.36	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
4,6-Dinitro-2-methylphenol	ND	0.36	0.32	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
2,4-Dinitrophenol	ND	0.70	0.49	mg/Kg dry	1	V-05	SW-846 8270D	6/13/19	6/17/19 20:28	KLB
2,4-Dinitrotoluene	ND	0.36	0.17	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
2,6-Dinitrotoluene	ND	0.36	0.17	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
Di-n-octylphthalate	ND	0.36	0.16	mg/Kg dry	1	V-05	SW-846 8270D	6/13/19	6/17/19 20:28	KLB
1,2-Diphenylhydrazine/Azobenzene	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
Fluoranthene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
Fluorene	ND	0.18	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-3 (16-18) | Sampled: 6/11/2019 09:05

Sample ID: 19F0630-04

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.36	0.095	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
Hexachlorobutadiene	ND	0.36	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
Hexachlorocyclopentadiene	ND	0.36	0.30	mg/Kg dry	1	V-05	SW-846 8270D	6/13/19	6/17/19 20:28	KLB
Hexachloroethane	ND	0.36	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
Indeno(1,2,3-cd)pyrene	ND	0.18	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
Isophorone	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
1-Methylnaphthalene	ND	0.18	0.095	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
2-Methylnaphthalene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
2-Methylphenol	ND	0.36	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
3/4-Methylphenol	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
Naphthalene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
2-Nitroaniline	ND	0.36	0.21	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
3-Nitroaniline	ND	0.36	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
4-Nitroaniline	ND	0.36	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
Nitrobenzene	ND	0.36	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
2-Nitrophenol	ND	0.36	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
4-Nitrophenol	ND	0.70	0.25	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
N-Nitrosodimethylamine	ND	0.36	0.19	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
N-Nitrosodiphenylamine/Diphenylamine	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
N-Nitrosodi-n-propylamine	ND	0.36	0.16	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
Pentachloronitrobenzene	ND	0.36	0.13	mg/Kg dry	1	V-16	SW-846 8270D	6/13/19	6/17/19 20:28	KLB
Pentachlorophenol	ND	0.36	0.24	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
Phenanthrene	ND	0.18	0.095	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
Phenol	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
Pyrene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
Pyridine	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
1,2,4,5-Tetrachlorobenzene	ND	0.36	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
1,2,4-Trichlorobenzene	ND	0.36	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
2,4,5-Trichlorophenol	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
2,4,6-Trichlorophenol	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	64.8	30-130		6/17/19 20:28
Phenol-d6	69.7	30-130		6/17/19 20:28
Nitrobenzene-d5	70.8	30-130		6/17/19 20:28
2-Fluorobiphenyl	74.2	30-130		6/17/19 20:28
2,4,6-Tribromophenol	71.7	30-130		6/17/19 20:28
p-Terphenyl-d14	79.7	30-130		6/17/19 20:28

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-3 (16-18) | Sampled: 6/11/2019 09:05

Sample ID: 19F0630-04

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.082	0.037	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 22:17	AYH
Aroclor-1221 [1]	ND	0.082	0.062	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 22:17	AYH
Aroclor-1232 [1]	ND	0.082	0.074	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 22:17	AYH
Aroclor-1242 [1]	ND	0.082	0.062	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 22:17	AYH
Aroclor-1248 [1]	ND	0.082	0.029	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 22:17	AYH
Aroclor-1254 [1]	ND	0.082	0.033	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 22:17	AYH
Aroclor-1260 [1]	ND	0.082	0.045	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 22:17	AYH
Aroclor-1262 [1]	ND	0.082	0.041	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 22:17	AYH
Aroclor-1268 [1]	ND	0.082	0.066	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 22:17	AYH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	90.2	30-150		6/18/19 22:17
Decachlorobiphenyl [2]	90.9	30-150		6/18/19 22:17
Tetrachloro-m-xylene [1]	78.7	30-150		6/18/19 22:17
Tetrachloro-m-xylene [2]	76.6	30-150		6/18/19 22:17

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Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-3 (16-18) Sampled: 6/11/2019 09:05

Sample ID: 19F0630-04

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	2.4	1.7	0.88	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 14:53	EJB
Barium	29	1.7	0.86	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 14:53	EJB
Cadmium	0.18	0.17	0.11	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 14:53	EJB
Chromium	6.8	0.35	0.21	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 14:53	EJB
Lead	6.0	0.52	0.31	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 14:53	EJB
Mercury	0.0089	0.027	0.0081	mg/Kg dry	1	J	SW-846 7471B	6/17/19	6/18/19 10:30	AJL
Selenium	ND	3.5	2.9	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 14:53	EJB
Silver	ND	0.35	0.20	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 14:53	EJB

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Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-3 (16-18) Sampled: 6/11/2019 09:05

Sample ID: 19F0630-04

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	94.7		% Wt	1		SM 2540G	6/13/19	6/14/19 7:42	JDN

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Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-4 (0-2) | Sampled: 6/11/2019 10:30

Sample ID: 19F0630-05

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	0.024	0.087	0.0073	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 14:55	MFF
Acrylonitrile	ND	0.0052	0.00087	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00087	0.00026	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
Benzene	ND	0.0017	0.00052	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
Bromobenzene	ND	0.0017	0.00035	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
Bromochloromethane	ND	0.0035	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
Bromodichloromethane	ND	0.0017	0.00043	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
Bromoform	ND	0.0035	0.00061	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
Bromomethane	ND	0.0087	0.00095	mg/Kg dry	1	V-34	SW-846 8260C	6/13/19	6/13/19 14:55	MFF
2-Butanone (MEK)	ND	0.035	0.0048	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
tert-Butyl Alcohol (TBA)	ND	0.035	0.0039	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
n-Butylbenzene	ND	0.0017	0.00043	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
sec-Butylbenzene	ND	0.0017	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
tert-Butylbenzene	ND	0.0017	0.00052	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00087	0.00017	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
Carbon Disulfide	ND	0.0052	0.0047	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
Carbon Tetrachloride	ND	0.0017	0.00061	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
Chlorobenzene	ND	0.0017	0.00043	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
Chlorodibromomethane	ND	0.0017	0.00035	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
Chloroethane	ND	0.017	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
Chloroform	ND	0.0035	0.00043	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
Chloromethane	ND	0.0087	0.00061	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
2-Chlorotoluene	ND	0.0017	0.00026	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
4-Chlorotoluene	ND	0.0017	0.00035	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0017	0.00087	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
1,2-Dibromoethane (EDB)	ND	0.00087	0.00061	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
Dibromomethane	ND	0.0017	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
1,2-Dichlorobenzene	ND	0.0017	0.00035	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
1,3-Dichlorobenzene	ND	0.0017	0.00035	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
1,4-Dichlorobenzene	ND	0.0017	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
trans-1,4-Dichloro-2-butene	ND	0.0035	0.00052	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.017	0.00095	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
1,1-Dichloroethane	ND	0.0017	0.00035	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
1,2-Dichloroethane	ND	0.0017	0.00043	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
1,1-Dichloroethylene	ND	0.0035	0.00061	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
cis-1,2-Dichloroethylene	ND	0.0017	0.00061	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
trans-1,2-Dichloroethylene	ND	0.0017	0.00052	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
1,2-Dichloropropane	ND	0.0017	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
1,3-Dichloropropane	ND	0.00087	0.00043	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
2,2-Dichloropropane	ND	0.0017	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
1,1-Dichloropropene	ND	0.0035	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
cis-1,3-Dichloropropene	ND	0.00087	0.00035	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
trans-1,3-Dichloropropene	ND	0.00087	0.00035	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
Diethyl Ether	0.0020	0.017	0.00061	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 14:55	MFF

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-4 (0-2) | Sampled: 6/11/2019 10:30

Sample ID: 19F0630-05

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.00087	0.00017	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
1,4-Dioxane	ND	0.087	0.0046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
Ethylbenzene	ND	0.0017	0.00052	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
Hexachlorobutadiene	ND	0.0017	0.00061	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
2-Hexanone (MBK)	ND	0.017	0.0017	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
Isopropylbenzene (Cumene)	ND	0.0017	0.00052	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0017	0.00043	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
Methyl Acetate	ND	0.0017	0.00061	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0035	0.00026	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
Methyl Cyclohexane	ND	0.0017	0.00061	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
Methylene Chloride	0.0028	0.017	0.00087	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 14:55	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.017	0.0022	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
Naphthalene	ND	0.0035	0.00035	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
n-Propylbenzene	ND	0.0017	0.00052	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
Styrene	ND	0.0017	0.00035	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
1,1,1,2-Tetrachloroethane	ND	0.0017	0.00087	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
1,1,2,2-Tetrachloroethane	ND	0.00087	0.00035	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
Tetrachloroethylene	ND	0.0017	0.0010	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
Tetrahydrofuran	ND	0.0087	0.00095	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
Toluene	ND	0.0017	0.00052	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
1,2,3-Trichlorobenzene	ND	0.0017	0.00087	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
1,2,4-Trichlorobenzene	ND	0.0017	0.00035	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
1,3,5-Trichlorobenzene	ND	0.0017	0.00026	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
1,1,1-Trichloroethane	ND	0.0017	0.00043	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
1,1,2-Trichloroethane	ND	0.0017	0.00035	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
Trichloroethylene	ND	0.0017	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0087	0.00061	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
1,2,3-Trichloropropane	ND	0.0035	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0087	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
1,2,4-Trimethylbenzene	ND	0.0017	0.00026	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
1,3,5-Trimethylbenzene	ND	0.0017	0.00043	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
Vinyl Chloride	ND	0.0087	0.00078	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
m+p Xylene	ND	0.0035	0.00087	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
o-Xylene	ND	0.0017	0.00052	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	98.3	70-130		6/13/19 14:55
Toluene-d8	98.2	70-130		6/13/19 14:55
4-Bromofluorobenzene	98.6	70-130		6/13/19 14:55

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Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-4 (0-2) | Sampled: 6/11/2019 10:30

Sample ID: 19F0630-05

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.18	0.098	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
Acenaphthylene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
Acetophenone	ND	0.37	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
Aniline	ND	0.37	0.087	mg/Kg dry	1	V-34	SW-846 8270D	6/13/19	6/17/19 20:54	KLB
Anthracene	ND	0.18	0.098	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
Benzidine	ND	0.72	0.20	mg/Kg dry	1	V-04, V-05	SW-846 8270D	6/13/19	6/17/19 20:54	KLB
Benzo(a)anthracene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
Benzo(a)pyrene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
Benzo(b)fluoranthene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
Benzo(g,h,i)perylene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
Benzo(k)fluoranthene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
Benzoic Acid	ND	1.1	0.64	mg/Kg dry	1	L-04	SW-846 8270D	6/13/19	6/17/19 20:54	KLB
Bis(2-chloroethoxy)methane	ND	0.37	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
Bis(2-chloroethyl)ether	ND	0.37	0.18	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
Bis(2-chloroisopropyl)ether	ND	0.37	0.25	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
Bis(2-Ethylhexyl)phthalate	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
4-Bromophenylphenylether	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
Butylbenzylphthalate	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
Carbazole	ND	0.18	0.098	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
4-Chloroaniline	ND	0.72	0.15	mg/Kg dry	1	V-34	SW-846 8270D	6/13/19	6/17/19 20:54	KLB
4-Chloro-3-methylphenol	ND	0.72	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
2-Chloronaphthalene	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
2-Chlorophenol	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
4-Chlorophenylphenylether	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
Chrysene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
Dibenz(a,h)anthracene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
Dibenzofuran	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
Di-n-butylphthalate	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
1,2-Dichlorobenzene	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
1,3-Dichlorobenzene	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
1,4-Dichlorobenzene	ND	0.37	0.098	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
3,3-Dichlorobenzidine	ND	0.18	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
2,4-Dichlorophenol	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
Diethylphthalate	ND	0.37	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
2,4-Dimethylphenol	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
Dimethylphthalate	ND	0.37	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
4,6-Dinitro-2-methylphenol	ND	0.37	0.33	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
2,4-Dinitrophenol	ND	0.72	0.50	mg/Kg dry	1	V-05	SW-846 8270D	6/13/19	6/17/19 20:54	KLB
2,4-Dinitrotoluene	ND	0.37	0.17	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
2,6-Dinitrotoluene	ND	0.37	0.17	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
Di-n-octylphthalate	ND	0.37	0.16	mg/Kg dry	1	V-05	SW-846 8270D	6/13/19	6/17/19 20:54	KLB
1,2-Diphenylhydrazine/Azobenzene	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
Fluoranthene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
Fluorene	ND	0.18	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-4 (0-2) | Sampled: 6/11/2019 10:30

Sample ID: 19F0630-05

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.37	0.098	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
Hexachlorobutadiene	ND	0.37	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
Hexachlorocyclopentadiene	ND	0.37	0.30	mg/Kg dry	1	V-05	SW-846 8270D	6/13/19	6/17/19 20:54	KLB
Hexachloroethane	ND	0.37	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
Indeno(1,2,3-cd)pyrene	ND	0.18	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
Isophorone	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
1-Methylnaphthalene	ND	0.18	0.098	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
2-Methylnaphthalene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
2-Methylphenol	ND	0.37	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
3/4-Methylphenol	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
Naphthalene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
2-Nitroaniline	ND	0.37	0.22	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
3-Nitroaniline	ND	0.37	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
4-Nitroaniline	ND	0.37	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
Nitrobenzene	ND	0.37	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
2-Nitrophenol	ND	0.37	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
4-Nitrophenol	ND	0.72	0.26	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
N-Nitrosodimethylamine	ND	0.37	0.20	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
N-Nitrosodiphenylamine/Diphenylamine	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
N-Nitrosodi-n-propylamine	ND	0.37	0.16	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
Pentachloronitrobenzene	ND	0.37	0.13	mg/Kg dry	1	V-16	SW-846 8270D	6/13/19	6/17/19 20:54	KLB
Pentachlorophenol	ND	0.37	0.25	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
Phenanthrene	ND	0.18	0.098	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
Phenol	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
Pyrene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
Pyridine	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
1,2,4,5-Tetrachlorobenzene	ND	0.37	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
1,2,4-Trichlorobenzene	ND	0.37	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
2,4,5-Trichlorophenol	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
2,4,6-Trichlorophenol	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	50.0	30-130		6/17/19 20:54
Phenol-d6	58.8	30-130		6/17/19 20:54
Nitrobenzene-d5	54.8	30-130		6/17/19 20:54
2-Fluorobiphenyl	65.5	30-130		6/17/19 20:54
2,4,6-Tribromophenol	63.0	30-130		6/17/19 20:54
p-Terphenyl-d14	72.9	30-130		6/17/19 20:54

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-4 (0-2) Sampled: 6/11/2019 10:30

Sample ID: 19F0630-05

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	3.3	1.8	0.89	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 16:49	EJB
Barium	45	1.8	0.87	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 16:49	EJB
Cadmium	0.29	0.18	0.11	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 16:49	EJB
Chromium	9.3	0.35	0.22	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 16:49	EJB
Lead	37	0.53	0.31	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 16:49	EJB
Mercury	0.12	0.026	0.0077	mg/Kg dry	1		SW-846 7471B	6/17/19	6/18/19 10:47	AJL
Selenium	ND	3.5	2.9	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 16:49	EJB
Silver	ND	0.35	0.21	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 16:49	EJB

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-4 (0-2) | Sampled: 6/11/2019 10:30

Sample ID: 19F0630-05

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	91.9		% Wt	1		SM 2540G	6/13/19	6/14/19 7:43	JDN

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Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-4 (18-20) | Sampled: 6/11/2019 11:05

Sample ID: 19F0630-06

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	0.0098	0.083	0.0070	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 15:22	MFF
Acrylonitrile	ND	0.0050	0.00083	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00083	0.00025	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
Benzene	ND	0.0017	0.00050	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
Bromobenzene	ND	0.0017	0.00033	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
Bromochloromethane	ND	0.0033	0.00067	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
Bromodichloromethane	ND	0.0017	0.00042	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
Bromoform	ND	0.0033	0.00058	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
Bromomethane	ND	0.0083	0.00091	mg/Kg dry	1	V-34	SW-846 8260C	6/13/19	6/13/19 15:22	MFF
2-Butanone (MEK)	ND	0.033	0.0046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
tert-Butyl Alcohol (TBA)	ND	0.033	0.0037	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
n-Butylbenzene	ND	0.0017	0.00042	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
sec-Butylbenzene	ND	0.0017	0.00067	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
tert-Butylbenzene	ND	0.0017	0.00050	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00083	0.00017	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
Carbon Disulfide	ND	0.0050	0.0045	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
Carbon Tetrachloride	ND	0.0017	0.00058	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
Chlorobenzene	ND	0.0017	0.00042	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
Chlorodibromomethane	ND	0.0017	0.00033	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
Chloroethane	ND	0.017	0.00067	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
Chloroform	ND	0.0033	0.00042	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
Chloromethane	ND	0.0083	0.00058	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
2-Chlorotoluene	ND	0.0017	0.00025	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
4-Chlorotoluene	ND	0.0017	0.00033	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0017	0.00083	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
1,2-Dibromoethane (EDB)	ND	0.00083	0.00058	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
Dibromomethane	ND	0.0017	0.00067	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
1,2-Dichlorobenzene	ND	0.0017	0.00033	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
1,3-Dichlorobenzene	ND	0.0017	0.00033	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
1,4-Dichlorobenzene	ND	0.0017	0.00067	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
trans-1,4-Dichloro-2-butene	ND	0.0033	0.00050	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.017	0.00091	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
1,1-Dichloroethane	ND	0.0017	0.00033	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
1,2-Dichloroethane	ND	0.0017	0.00042	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
1,1-Dichloroethylene	ND	0.0033	0.00058	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
cis-1,2-Dichloroethylene	ND	0.0017	0.00058	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
trans-1,2-Dichloroethylene	ND	0.0017	0.00050	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
1,2-Dichloropropane	ND	0.0017	0.00067	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
1,3-Dichloropropane	ND	0.00083	0.00042	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
2,2-Dichloropropane	ND	0.0017	0.00067	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
1,1-Dichloropropene	ND	0.0033	0.00067	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
cis-1,3-Dichloropropene	ND	0.00083	0.00033	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
trans-1,3-Dichloropropene	ND	0.00083	0.00033	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
Diethyl Ether	0.0019	0.017	0.00058	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 15:22	MFF

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-4 (18-20) | Sampled: 6/11/2019 11:05

Sample ID: 19F0630-06

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.00083	0.00017	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
1,4-Dioxane	ND	0.083	0.0044	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
Ethylbenzene	ND	0.0017	0.00050	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
Hexachlorobutadiene	ND	0.0017	0.00058	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
2-Hexanone (MBK)	ND	0.017	0.0017	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
Isopropylbenzene (Cumene)	ND	0.0017	0.00050	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0017	0.00042	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
Methyl Acetate	ND	0.0017	0.00058	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0033	0.00025	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
Methyl Cyclohexane	ND	0.0017	0.00058	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
Methylene Chloride	0.0022	0.017	0.00083	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 15:22	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.017	0.0021	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
Naphthalene	ND	0.0033	0.00033	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
n-Propylbenzene	ND	0.0017	0.00050	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
Styrene	ND	0.0017	0.00033	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
1,1,1,2-Tetrachloroethane	ND	0.0017	0.00083	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
1,1,2,2-Tetrachloroethane	ND	0.00083	0.00033	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
Tetrachloroethylene	ND	0.0017	0.0010	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
Tetrahydrofuran	ND	0.0083	0.00091	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
Toluene	ND	0.0017	0.00050	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
1,2,3-Trichlorobenzene	ND	0.0017	0.00083	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
1,2,4-Trichlorobenzene	ND	0.0017	0.00033	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
1,3,5-Trichlorobenzene	ND	0.0017	0.00025	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
1,1,1-Trichloroethane	ND	0.0017	0.00042	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
1,1,2-Trichloroethane	ND	0.0017	0.00033	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
Trichloroethylene	ND	0.0017	0.00067	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0083	0.00058	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
1,2,3-Trichloropropane	ND	0.0033	0.00067	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0083	0.00067	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
1,2,4-Trimethylbenzene	ND	0.0017	0.00025	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
1,3,5-Trimethylbenzene	ND	0.0017	0.00042	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
Vinyl Chloride	ND	0.0083	0.00075	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
m+p Xylene	ND	0.0033	0.00083	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
o-Xylene	ND	0.0017	0.00050	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	99.1	70-130		6/13/19 15:22
Toluene-d8	99.4	70-130		6/13/19 15:22
4-Bromofluorobenzene	99.8	70-130		6/13/19 15:22

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-4 (18-20) Sampled: 6/11/2019 11:05

Sample ID: 19F0630-06

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.18	0.093	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
Acenaphthylene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
Acetophenone	ND	0.35	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
Aniline	ND	0.35	0.083	mg/Kg dry	1	V-34	SW-846 8270D	6/13/19	6/17/19 21:19	KLB
Anthracene	ND	0.18	0.093	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
Benzidine	ND	0.68	0.19	mg/Kg dry	1	V-04, V-05	SW-846 8270D	6/13/19	6/17/19 21:19	KLB
Benzo(a)anthracene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
Benzo(a)pyrene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
Benzo(b)fluoranthene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
Benzo(g,h,i)perylene	ND	0.18	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
Benzo(k)fluoranthene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
Benzoic Acid	ND	1.0	0.61	mg/Kg dry	1	L-04	SW-846 8270D	6/13/19	6/17/19 21:19	KLB
Bis(2-chloroethoxy)methane	ND	0.35	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
Bis(2-chloroethyl)ether	ND	0.35	0.18	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
Bis(2-chloroisopropyl)ether	ND	0.35	0.24	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
Bis(2-Ethylhexyl)phthalate	ND	0.35	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
4-Bromophenylphenylether	ND	0.35	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
Butylbenzylphthalate	ND	0.35	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
Carbazole	ND	0.18	0.093	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
4-Chloroaniline	ND	0.68	0.14	mg/Kg dry	1	V-34	SW-846 8270D	6/13/19	6/17/19 21:19	KLB
4-Chloro-3-methylphenol	ND	0.68	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
2-Chloronaphthalene	ND	0.35	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
2-Chlorophenol	ND	0.35	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
4-Chlorophenylphenylether	ND	0.35	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
Chrysene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
Dibenz(a,h)anthracene	ND	0.18	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
Dibenzofuran	ND	0.35	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
Di-n-butylphthalate	ND	0.35	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
1,2-Dichlorobenzene	ND	0.35	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
1,3-Dichlorobenzene	ND	0.35	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
1,4-Dichlorobenzene	ND	0.35	0.093	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
3,3-Dichlorobenzidine	ND	0.18	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
2,4-Dichlorophenol	ND	0.35	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
Diethylphthalate	ND	0.35	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
2,4-Dimethylphenol	ND	0.35	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
Dimethylphthalate	ND	0.35	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
4,6-Dinitro-2-methylphenol	ND	0.35	0.31	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
2,4-Dinitrophenol	ND	0.68	0.48	mg/Kg dry	1	V-05	SW-846 8270D	6/13/19	6/17/19 21:19	KLB
2,4-Dinitrotoluene	ND	0.35	0.17	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
2,6-Dinitrotoluene	ND	0.35	0.17	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
Di-n-octylphthalate	ND	0.35	0.15	mg/Kg dry	1	V-05	SW-846 8270D	6/13/19	6/17/19 21:19	KLB
1,2-Diphenylhydrazine/Azobenzene	ND	0.35	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
Fluoranthene	ND	0.18	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
Fluorene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-4 (18-20) | Sampled: 6/11/2019 11:05

Sample ID: 19F0630-06

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.35	0.093	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
Hexachlorobutadiene	ND	0.35	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
Hexachlorocyclopentadiene	ND	0.35	0.29	mg/Kg dry	1	V-05	SW-846 8270D	6/13/19	6/17/19 21:19	KLB
Hexachloroethane	ND	0.35	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
Indeno(1,2,3-cd)pyrene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
Isophorone	ND	0.35	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
1-Methylnaphthalene	ND	0.18	0.093	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
2-Methylnaphthalene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
2-Methylphenol	ND	0.35	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
3/4-Methylphenol	ND	0.35	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
Naphthalene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
2-Nitroaniline	ND	0.35	0.21	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
3-Nitroaniline	ND	0.35	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
4-Nitroaniline	ND	0.35	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
Nitrobenzene	ND	0.35	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
2-Nitrophenol	ND	0.35	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
4-Nitrophenol	ND	0.68	0.25	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
N-Nitrosodimethylamine	ND	0.35	0.19	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
N-Nitrosodiphenylamine/Diphenylamine	ND	0.35	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
N-Nitrosodi-n-propylamine	ND	0.35	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
Pentachloronitrobenzene	ND	0.35	0.12	mg/Kg dry	1	V-16	SW-846 8270D	6/13/19	6/17/19 21:19	KLB
Pentachlorophenol	ND	0.35	0.24	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
Phenanthrene	ND	0.18	0.093	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
Phenol	ND	0.35	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
Pyrene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
Pyridine	ND	0.35	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
1,2,4,5-Tetrachlorobenzene	ND	0.35	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
1,2,4-Trichlorobenzene	ND	0.35	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
2,4,5-Trichlorophenol	ND	0.35	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
2,4,6-Trichlorophenol	ND	0.35	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	62.5	30-130		6/17/19 21:19
Phenol-d6	68.1	30-130		6/17/19 21:19
Nitrobenzene-d5	69.0	30-130		6/17/19 21:19
2-Fluorobiphenyl	73.0	30-130		6/17/19 21:19
2,4,6-Tribromophenol	62.1	30-130		6/17/19 21:19
p-Terphenyl-d14	78.2	30-130		6/17/19 21:19

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-4 (18-20) Sampled: 6/11/2019 11:05

Sample ID: 19F0630-06

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	2.1	1.7	0.84	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 15:29	EJB
Barium	29	1.7	0.82	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 15:29	EJB
Cadmium	0.20	0.17	0.10	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 15:29	EJB
Chromium	7.8	0.33	0.20	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 15:29	EJB
Lead	5.9	0.50	0.29	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 15:29	EJB
Mercury	0.013	0.024	0.0073	mg/Kg dry	1	J	SW-846 7471B	6/17/19	6/18/19 10:48	AJL
Selenium	ND	3.3	2.7	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 15:29	EJB
Silver	ND	0.33	0.19	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 15:29	EJB

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-4 (18-20) | Sampled: 6/11/2019 11:05

Sample ID: 19F0630-06

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	96.5		% Wt	1		SM 2540G	6/13/19	6/14/19 7:43	JDN

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Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-5 (0-2) | Sampled: 6/11/2019 12:40

Sample ID: 19F0630-07

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	0.029	0.090	0.0076	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 15:49	MFF
Acrylonitrile	ND	0.0054	0.00090	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00090	0.00027	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
Benzene	ND	0.0018	0.00054	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
Bromobenzene	ND	0.0018	0.00036	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
Bromochloromethane	ND	0.0036	0.00072	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
Bromodichloromethane	ND	0.0018	0.00045	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
Bromoform	ND	0.0036	0.00063	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
Bromomethane	ND	0.0090	0.00099	mg/Kg dry	1	V-34	SW-846 8260C	6/13/19	6/13/19 15:49	MFF
2-Butanone (MEK)	ND	0.036	0.0050	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
tert-Butyl Alcohol (TBA)	ND	0.036	0.0041	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
n-Butylbenzene	ND	0.0018	0.00045	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
sec-Butylbenzene	ND	0.0018	0.00072	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
tert-Butylbenzene	ND	0.0018	0.00054	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00090	0.00018	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
Carbon Disulfide	ND	0.0054	0.0049	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
Carbon Tetrachloride	ND	0.0018	0.00063	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
Chlorobenzene	ND	0.0018	0.00045	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
Chlorodibromomethane	ND	0.0018	0.00036	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
Chloroethane	ND	0.018	0.00072	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
Chloroform	ND	0.0036	0.00045	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
Chloromethane	ND	0.0090	0.00063	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
2-Chlorotoluene	ND	0.0018	0.00027	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
4-Chlorotoluene	ND	0.0018	0.00036	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0018	0.00090	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
1,2-Dibromoethane (EDB)	ND	0.00090	0.00063	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
Dibromomethane	ND	0.0018	0.00072	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
1,2-Dichlorobenzene	ND	0.0018	0.00036	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
1,3-Dichlorobenzene	ND	0.0018	0.00036	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
1,4-Dichlorobenzene	ND	0.0018	0.00072	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
trans-1,4-Dichloro-2-butene	ND	0.0036	0.00054	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.018	0.00099	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
1,1-Dichloroethane	ND	0.0018	0.00036	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
1,2-Dichloroethane	ND	0.0018	0.00045	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
1,1-Dichloroethylene	ND	0.0036	0.00063	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
cis-1,2-Dichloroethylene	ND	0.0018	0.00063	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
trans-1,2-Dichloroethylene	ND	0.0018	0.00054	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
1,2-Dichloropropane	ND	0.0018	0.00072	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
1,3-Dichloropropane	ND	0.00090	0.00045	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
2,2-Dichloropropane	ND	0.0018	0.00072	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
1,1-Dichloropropene	ND	0.0036	0.00072	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
cis-1,3-Dichloropropene	ND	0.00090	0.00036	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
trans-1,3-Dichloropropene	ND	0.00090	0.00036	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
Diethyl Ether	0.0012	0.018	0.00063	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 15:49	MFF

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-5 (0-2) | Sampled: 6/11/2019 12:40

Sample ID: 19F0630-07

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.00090	0.00018	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
1,4-Dioxane	ND	0.090	0.0048	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
Ethylbenzene	ND	0.0018	0.00054	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
Hexachlorobutadiene	ND	0.0018	0.00063	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
2-Hexanone (MBK)	ND	0.018	0.0018	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
Isopropylbenzene (Cumene)	ND	0.0018	0.00054	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0018	0.00045	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
Methyl Acetate	ND	0.0018	0.00063	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0036	0.00027	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
Methyl Cyclohexane	ND	0.0018	0.00063	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
Methylene Chloride	0.0018	0.018	0.00090	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 15:49	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.018	0.0023	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
Naphthalene	ND	0.0036	0.00036	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
n-Propylbenzene	ND	0.0018	0.00054	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
Styrene	ND	0.0018	0.00036	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
1,1,1,2-Tetrachloroethane	ND	0.0018	0.00090	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
1,1,2,2-Tetrachloroethane	ND	0.00090	0.00036	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
Tetrachloroethylene	ND	0.0018	0.0011	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
Tetrahydrofuran	ND	0.0090	0.00099	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
Toluene	ND	0.0018	0.00054	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
1,2,3-Trichlorobenzene	ND	0.0018	0.00090	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
1,2,4-Trichlorobenzene	ND	0.0018	0.00036	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
1,3,5-Trichlorobenzene	ND	0.0018	0.00027	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
1,1,1-Trichloroethane	ND	0.0018	0.00045	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
1,1,2-Trichloroethane	ND	0.0018	0.00036	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
Trichloroethylene	ND	0.0018	0.00072	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0090	0.00063	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
1,2,3-Trichloropropane	ND	0.0036	0.00072	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0090	0.00072	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
1,2,4-Trimethylbenzene	ND	0.0018	0.00027	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
1,3,5-Trimethylbenzene	ND	0.0018	0.00045	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
Vinyl Chloride	ND	0.0090	0.00081	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
m+p Xylene	ND	0.0036	0.00090	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
o-Xylene	ND	0.0018	0.00054	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	104	70-130		6/13/19 15:49
Toluene-d8	99.2	70-130		6/13/19 15:49
4-Bromofluorobenzene	100	70-130		6/13/19 15:49

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Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-5 (0-2) Sampled: 6/11/2019 12:40

Sample ID: 19F0630-07

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.19	0.099	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
Acenaphthylene	ND	0.19	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
Acetophenone	ND	0.38	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
Aniline	ND	0.38	0.088	mg/Kg dry	1	V-34	SW-846 8270D	6/13/19	6/17/19 21:45	KLB
Anthracene	ND	0.19	0.099	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
Benzidine	ND	0.73	0.20	mg/Kg dry	1	V-04, V-05	SW-846 8270D	6/13/19	6/17/19 21:45	KLB
Benzo(a)anthracene	0.55	0.19	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
Benzo(a)pyrene	0.45	0.19	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
Benzo(b)fluoranthene	0.66	0.19	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
Benzo(g,h,i)perylene	0.25	0.19	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
Benzo(k)fluoranthene	0.22	0.19	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
Benzoic Acid	ND	1.1	0.65	mg/Kg dry	1	L-04	SW-846 8270D	6/13/19	6/17/19 21:45	KLB
Bis(2-chloroethoxy)methane	ND	0.38	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
Bis(2-chloroethyl)ether	ND	0.38	0.19	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
Bis(2-chloroisopropyl)ether	ND	0.38	0.25	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
Bis(2-Ethylhexyl)phthalate	ND	0.38	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
4-Bromophenylphenylether	ND	0.38	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
Butylbenzylphthalate	ND	0.38	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
Carbazole	ND	0.19	0.099	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
4-Chloroaniline	ND	0.73	0.15	mg/Kg dry	1	V-34	SW-846 8270D	6/13/19	6/17/19 21:45	KLB
4-Chloro-3-methylphenol	ND	0.73	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
2-Chloronaphthalene	ND	0.38	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
2-Chlorophenol	ND	0.38	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
4-Chlorophenylphenylether	ND	0.38	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
Chrysene	0.56	0.19	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
Dibenz(a,h)anthracene	ND	0.19	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
Dibenzofuran	ND	0.38	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
Di-n-butylphthalate	ND	0.38	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
1,2-Dichlorobenzene	ND	0.38	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
1,3-Dichlorobenzene	ND	0.38	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
1,4-Dichlorobenzene	ND	0.38	0.099	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
3,3-Dichlorobenzidine	ND	0.19	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
2,4-Dichlorophenol	ND	0.38	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
Diethylphthalate	ND	0.38	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
2,4-Dimethylphenol	ND	0.38	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
Dimethylphthalate	ND	0.38	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
4,6-Dinitro-2-methylphenol	ND	0.38	0.33	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
2,4-Dinitrophenol	ND	0.73	0.51	mg/Kg dry	1	V-05	SW-846 8270D	6/13/19	6/17/19 21:45	KLB
2,4-Dinitrotoluene	ND	0.38	0.18	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
2,6-Dinitrotoluene	ND	0.38	0.18	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
Di-n-octylphthalate	ND	0.38	0.17	mg/Kg dry	1	V-05	SW-846 8270D	6/13/19	6/17/19 21:45	KLB
1,2-Diphenylhydrazine/Azobenzene	ND	0.38	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
Fluoranthene	1.0	0.19	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
Fluorene	ND	0.19	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-5 (0-2) | Sampled: 6/11/2019 12:40

Sample ID: 19F0630-07

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.38	0.099	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
Hexachlorobutadiene	ND	0.38	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
Hexachlorocyclopentadiene	ND	0.38	0.31	mg/Kg dry	1	V-05	SW-846 8270D	6/13/19	6/17/19 21:45	KLB
Hexachloroethane	ND	0.38	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
Indeno(1,2,3-cd)pyrene	0.27	0.19	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
Isophorone	ND	0.38	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
1-Methylnaphthalene	ND	0.19	0.099	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
2-Methylnaphthalene	ND	0.19	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
2-Methylphenol	ND	0.38	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
3/4-Methylphenol	ND	0.38	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
Naphthalene	ND	0.19	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
2-Nitroaniline	ND	0.38	0.22	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
3-Nitroaniline	ND	0.38	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
4-Nitroaniline	ND	0.38	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
Nitrobenzene	ND	0.38	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
2-Nitrophenol	ND	0.38	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
4-Nitrophenol	ND	0.73	0.27	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
N-Nitrosodimethylamine	ND	0.38	0.20	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
N-Nitrosodiphenylamine/Diphenylamine	ND	0.38	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
N-Nitrosodi-n-propylamine	ND	0.38	0.17	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
Pentachloronitrobenzene	ND	0.38	0.13	mg/Kg dry	1	V-16	SW-846 8270D	6/13/19	6/17/19 21:45	KLB
Pentachlorophenol	ND	0.38	0.25	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
Phenanthrene	0.40	0.19	0.099	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
Phenol	ND	0.38	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
Pyrene	0.84	0.19	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
Pyridine	ND	0.38	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
1,2,4,5-Tetrachlorobenzene	ND	0.38	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
1,2,4-Trichlorobenzene	ND	0.38	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
2,4,5-Trichlorophenol	ND	0.38	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
2,4,6-Trichlorophenol	ND	0.38	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	61.8	30-130		6/17/19 21:45
Phenol-d6	68.4	30-130		6/17/19 21:45
Nitrobenzene-d5	67.3	30-130		6/17/19 21:45
2-Fluorobiphenyl	75.0	30-130		6/17/19 21:45
2,4,6-Tribromophenol	69.9	30-130		6/17/19 21:45
p-Terphenyl-d14	79.6	30-130		6/17/19 21:45

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-5 (0-2) | Sampled: 6/11/2019 12:40

Sample ID: 19F0630-07

Sample Matrix: Soil

Sample Flags: DL-04

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.90	0.40	mg/Kg dry	40		SW-846 8082A	6/16/19	6/19/19 10:12	AYH
Aroclor-1221 [1]	ND	0.90	0.67	mg/Kg dry	40		SW-846 8082A	6/16/19	6/19/19 10:12	AYH
Aroclor-1232 [1]	ND	0.90	0.81	mg/Kg dry	40		SW-846 8082A	6/16/19	6/19/19 10:12	AYH
Aroclor-1242 [1]	ND	0.90	0.67	mg/Kg dry	40		SW-846 8082A	6/16/19	6/19/19 10:12	AYH
Aroclor-1248 [1]	ND	0.90	0.31	mg/Kg dry	40		SW-846 8082A	6/16/19	6/19/19 10:12	AYH
Aroclor-1254 [1]	ND	0.90	0.36	mg/Kg dry	40		SW-846 8082A	6/16/19	6/19/19 10:12	AYH
Aroclor-1260 [1]	ND	0.90	0.49	mg/Kg dry	40		SW-846 8082A	6/16/19	6/19/19 10:12	AYH
Aroclor-1262 [1]	ND	0.90	0.45	mg/Kg dry	40		SW-846 8082A	6/16/19	6/19/19 10:12	AYH
Aroclor-1268 [1]	ND	0.90	0.72	mg/Kg dry	40		SW-846 8082A	6/16/19	6/19/19 10:12	AYH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	*	30-150	S-01	6/19/19 10:12
Decachlorobiphenyl [2]	*	30-150	S-01	6/19/19 10:12
Tetrachloro-m-xylene [1]	*	30-150	S-01	6/19/19 10:12
Tetrachloro-m-xylene [2]	*	30-150	S-01	6/19/19 10:12

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-5 (0-2) Sampled: 6/11/2019 12:40

Sample ID: 19F0630-07

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	4.7	1.9	0.94	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 15:48	EJB
Barium	120	1.9	0.92	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 15:48	EJB
Cadmium	0.53	0.19	0.11	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 15:48	EJB
Chromium	11	0.37	0.23	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 15:48	EJB
Lead	220	0.56	0.33	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 15:48	EJB
Mercury	0.32	0.028	0.0085	mg/Kg dry	1		SW-846 7471B	6/17/19	6/18/19 10:50	AJL
Selenium	ND	3.7	3.1	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 15:48	EJB
Silver	ND	0.37	0.22	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 15:48	EJB

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Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-5 (0-2) | Sampled: 6/11/2019 12:40

Sample ID: 19F0630-07

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.1		% Wt	1		SM 2540G	6/13/19	6/14/19 7:43	JDN

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Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-5 (17-19) | Sampled: 6/11/2019 13:00

Sample ID: 19F0630-08

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	0.010	0.098	0.0083	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 16:16	MFF
Acrylonitrile	ND	0.0059	0.00098	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00098	0.00030	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
Benzene	ND	0.0020	0.00059	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
Bromobenzene	ND	0.0020	0.00039	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
Bromochloromethane	ND	0.0039	0.00079	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
Bromodichloromethane	ND	0.0020	0.00049	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
Bromoform	ND	0.0039	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
Bromomethane	ND	0.0098	0.0011	mg/Kg dry	1	V-34	SW-846 8260C	6/13/19	6/13/19 16:16	MFF
2-Butanone (MEK)	ND	0.039	0.0054	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
tert-Butyl Alcohol (TBA)	ND	0.039	0.0044	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
n-Butylbenzene	ND	0.0020	0.00049	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
sec-Butylbenzene	ND	0.0020	0.00079	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
tert-Butylbenzene	ND	0.0020	0.00059	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00098	0.00020	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
Carbon Disulfide	ND	0.0059	0.0053	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
Carbon Tetrachloride	ND	0.0020	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
Chlorobenzene	ND	0.0020	0.00049	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
Chlorodibromomethane	ND	0.0020	0.00039	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
Chloroethane	ND	0.020	0.00079	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
Chloroform	ND	0.0039	0.00049	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
Chloromethane	ND	0.0098	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
2-Chlorotoluene	ND	0.0020	0.00030	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
4-Chlorotoluene	ND	0.0020	0.00039	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	0.00098	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
1,2-Dibromoethane (EDB)	ND	0.00098	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
Dibromomethane	ND	0.0020	0.00079	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
1,2-Dichlorobenzene	ND	0.0020	0.00039	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
1,3-Dichlorobenzene	ND	0.0020	0.00039	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
1,4-Dichlorobenzene	ND	0.0020	0.00079	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
trans-1,4-Dichloro-2-butene	ND	0.0039	0.00059	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.020	0.0011	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
1,1-Dichloroethane	ND	0.0020	0.00039	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
1,2-Dichloroethane	ND	0.0020	0.00049	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
1,1-Dichloroethylene	ND	0.0039	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
cis-1,2-Dichloroethylene	ND	0.0020	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
trans-1,2-Dichloroethylene	ND	0.0020	0.00059	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
1,2-Dichloropropane	ND	0.0020	0.00079	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
1,3-Dichloropropane	ND	0.00098	0.00049	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
2,2-Dichloropropane	ND	0.0020	0.00079	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
1,1-Dichloropropene	ND	0.0039	0.00079	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
cis-1,3-Dichloropropene	ND	0.00098	0.00039	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
trans-1,3-Dichloropropene	ND	0.00098	0.00039	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
Diethyl Ether	0.0015	0.020	0.00069	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 16:16	MFF

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-5 (17-19) | Sampled: 6/11/2019 13:00

Sample ID: 19F0630-08

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.00098	0.00020	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
1,4-Dioxane	ND	0.098	0.0052	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
Ethylbenzene	ND	0.0020	0.00059	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
Hexachlorobutadiene	ND	0.0020	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
2-Hexanone (MBK)	ND	0.020	0.0020	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
Isopropylbenzene (Cumene)	ND	0.0020	0.00059	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0020	0.00049	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
Methyl Acetate	ND	0.0020	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0039	0.00030	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
Methyl Cyclohexane	ND	0.0020	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
Methylene Chloride	0.0025	0.020	0.00098	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 16:16	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.020	0.0025	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
Naphthalene	ND	0.0039	0.00039	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
n-Propylbenzene	ND	0.0020	0.00059	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
Styrene	ND	0.0020	0.00039	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
1,1,1,2-Tetrachloroethane	ND	0.0020	0.00098	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
1,1,2,2-Tetrachloroethane	ND	0.00098	0.00039	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
Tetrachloroethylene	ND	0.0020	0.0012	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
Tetrahydrofuran	ND	0.0098	0.0011	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
Toluene	ND	0.0020	0.00059	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
1,2,3-Trichlorobenzene	ND	0.0020	0.00098	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
1,2,4-Trichlorobenzene	ND	0.0020	0.00039	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
1,3,5-Trichlorobenzene	ND	0.0020	0.00030	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
1,1,1-Trichloroethane	ND	0.0020	0.00049	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
1,1,2-Trichloroethane	ND	0.0020	0.00039	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
Trichloroethylene	ND	0.0020	0.00079	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0098	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
1,2,3-Trichloropropane	ND	0.0039	0.00079	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0098	0.00079	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
1,2,4-Trimethylbenzene	ND	0.0020	0.00030	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
1,3,5-Trimethylbenzene	ND	0.0020	0.00049	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
Vinyl Chloride	ND	0.0098	0.00089	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
m+p Xylene	ND	0.0039	0.00098	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
o-Xylene	ND	0.0020	0.00059	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	99.7	70-130		6/13/19 16:16
Toluene-d8	100	70-130		6/13/19 16:16
4-Bromofluorobenzene	99.5	70-130		6/13/19 16:16

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-5 (17-19) Sampled: 6/11/2019 13:00

Sample ID: 19F0630-08

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.19	0.099	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
Acenaphthylene	ND	0.19	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
Acetophenone	ND	0.37	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
Aniline	ND	0.37	0.088	mg/Kg dry	1	V-34	SW-846 8270D	6/13/19	6/17/19 22:10	KLB
Anthracene	ND	0.19	0.099	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
Benzidine	ND	0.72	0.20	mg/Kg dry	1	V-04, V-05	SW-846 8270D	6/13/19	6/17/19 22:10	KLB
Benzo(a)anthracene	ND	0.19	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
Benzo(a)pyrene	ND	0.19	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
Benzo(b)fluoranthene	ND	0.19	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
Benzo(g,h,i)perylene	ND	0.19	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
Benzo(k)fluoranthene	ND	0.19	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
Benzoic Acid	ND	1.1	0.65	mg/Kg dry	1	L-04	SW-846 8270D	6/13/19	6/17/19 22:10	KLB
Bis(2-chloroethoxy)methane	ND	0.37	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
Bis(2-chloroethyl)ether	ND	0.37	0.19	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
Bis(2-chloroisopropyl)ether	ND	0.37	0.25	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
Bis(2-Ethylhexyl)phthalate	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
4-Bromophenylphenylether	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
Butylbenzylphthalate	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
Carbazole	ND	0.19	0.099	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
4-Chloroaniline	ND	0.72	0.15	mg/Kg dry	1	V-34	SW-846 8270D	6/13/19	6/17/19 22:10	KLB
4-Chloro-3-methylphenol	ND	0.72	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
2-Chloronaphthalene	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
2-Chlorophenol	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
4-Chlorophenylphenylether	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
Chrysene	ND	0.19	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
Dibenz(a,h)anthracene	ND	0.19	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
Dibenzofuran	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
Di-n-butylphthalate	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
1,2-Dichlorobenzene	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
1,3-Dichlorobenzene	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
1,4-Dichlorobenzene	ND	0.37	0.099	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
3,3-Dichlorobenzidine	ND	0.19	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
2,4-Dichlorophenol	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
Diethylphthalate	ND	0.37	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
2,4-Dimethylphenol	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
Dimethylphthalate	ND	0.37	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
4,6-Dinitro-2-methylphenol	ND	0.37	0.33	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
2,4-Dinitrophenol	ND	0.72	0.51	mg/Kg dry	1	V-05	SW-846 8270D	6/13/19	6/17/19 22:10	KLB
2,4-Dinitrotoluene	ND	0.37	0.18	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
2,6-Dinitrotoluene	ND	0.37	0.18	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
Di-n-octylphthalate	ND	0.37	0.16	mg/Kg dry	1	V-05	SW-846 8270D	6/13/19	6/17/19 22:10	KLB
1,2-Diphenylhydrazine/Azobenzene	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
Fluoranthene	ND	0.19	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
Fluorene	ND	0.19	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-5 (17-19) Sampled: 6/11/2019 13:00

Sample ID: 19F0630-08

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.37	0.099	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
Hexachlorobutadiene	ND	0.37	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
Hexachlorocyclopentadiene	ND	0.37	0.31	mg/Kg dry	1	V-05	SW-846 8270D	6/13/19	6/17/19 22:10	KLB
Hexachloroethane	ND	0.37	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
Indeno(1,2,3-cd)pyrene	ND	0.19	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
Isophorone	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
1-Methylnaphthalene	ND	0.19	0.099	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
2-Methylnaphthalene	ND	0.19	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
2-Methylphenol	ND	0.37	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
3/4-Methylphenol	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
Naphthalene	ND	0.19	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
2-Nitroaniline	ND	0.37	0.22	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
3-Nitroaniline	ND	0.37	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
4-Nitroaniline	ND	0.37	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
Nitrobenzene	ND	0.37	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
2-Nitrophenol	ND	0.37	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
4-Nitrophenol	ND	0.72	0.26	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
N-Nitrosodimethylamine	ND	0.37	0.20	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
N-Nitrosodiphenylamine/Diphenylamine	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
N-Nitrosodi-n-propylamine	ND	0.37	0.16	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
Pentachloronitrobenzene	ND	0.37	0.13	mg/Kg dry	1	V-16	SW-846 8270D	6/13/19	6/17/19 22:10	KLB
Pentachlorophenol	ND	0.37	0.25	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
Phenanthrene	ND	0.19	0.099	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
Phenol	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
Pyrene	ND	0.19	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
Pyridine	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
1,2,4,5-Tetrachlorobenzene	ND	0.37	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
1,2,4-Trichlorobenzene	ND	0.37	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
2,4,5-Trichlorophenol	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
2,4,6-Trichlorophenol	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	62.6	30-130		6/17/19 22:10
Phenol-d6	68.2	30-130		6/17/19 22:10
Nitrobenzene-d5	67.9	30-130		6/17/19 22:10
2-Fluorobiphenyl	70.5	30-130		6/17/19 22:10
2,4,6-Tribromophenol	70.1	30-130		6/17/19 22:10
p-Terphenyl-d14	79.5	30-130		6/17/19 22:10

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-5 (17-19) | Sampled: 6/11/2019 13:00

Sample ID: 19F0630-08

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.086	0.039	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 22:43	AYH
Aroclor-1221 [1]	ND	0.086	0.064	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 22:43	AYH
Aroclor-1232 [1]	ND	0.086	0.077	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 22:43	AYH
Aroclor-1242 [1]	ND	0.086	0.064	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 22:43	AYH
Aroclor-1248 [1]	ND	0.086	0.030	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 22:43	AYH
Aroclor-1254 [1]	ND	0.086	0.034	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 22:43	AYH
Aroclor-1260 [1]	ND	0.086	0.047	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 22:43	AYH
Aroclor-1262 [1]	ND	0.086	0.043	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 22:43	AYH
Aroclor-1268 [1]	ND	0.086	0.069	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 22:43	AYH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	93.9	30-150		6/18/19 22:43
Decachlorobiphenyl [2]	94.5	30-150		6/18/19 22:43
Tetrachloro-m-xylene [1]	85.3	30-150		6/18/19 22:43
Tetrachloro-m-xylene [2]	83.2	30-150		6/18/19 22:43

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Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-5 (17-19) Sampled: 6/11/2019 13:00

Sample ID: 19F0630-08

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	2.8	1.8	0.92	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:06	EJB
Barium	24	1.8	0.90	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:06	EJB
Cadmium	0.20	0.18	0.11	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:06	EJB
Chromium	7.1	0.37	0.23	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:06	EJB
Lead	6.3	0.55	0.32	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:06	EJB
Mercury	0.012	0.027	0.0080	mg/Kg dry	1	J	SW-846 7471B	6/17/19	6/18/19 10:52	AJL
Selenium	ND	3.7	3.0	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:06	EJB
Silver	ND	0.37	0.21	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:06	EJB

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Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-5 (17-19) | Sampled: 6/11/2019 13:00

Sample ID: 19F0630-08

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	90.8		% Wt	1		SM 2540G	6/13/19	6/14/19 7:43	JDN

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-1 (0-2) | Sampled: 6/10/2019 14:50

Sample ID: 19F0630-09

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.099	0.0083	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
Acrylonitrile	ND	0.0059	0.00099	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00099	0.00030	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
Benzene	ND	0.0020	0.00059	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
Bromobenzene	ND	0.0020	0.00040	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
Bromochloromethane	ND	0.0040	0.00079	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
Bromodichloromethane	ND	0.0020	0.00049	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
Bromoform	ND	0.0040	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
Bromomethane	ND	0.0099	0.0011	mg/Kg dry	1	V-34	SW-846 8260C	6/13/19	6/13/19 16:44	MFF
2-Butanone (MEK)	ND	0.040	0.0054	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
tert-Butyl Alcohol (TBA)	ND	0.040	0.0044	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
n-Butylbenzene	ND	0.0020	0.00049	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
sec-Butylbenzene	ND	0.0020	0.00079	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
tert-Butylbenzene	ND	0.0020	0.00059	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00099	0.00020	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
Carbon Disulfide	ND	0.0059	0.0053	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
Carbon Tetrachloride	ND	0.0020	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
Chlorobenzene	ND	0.0020	0.00049	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
Chlorodibromomethane	ND	0.0020	0.00040	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
Chloroethane	ND	0.020	0.00079	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
Chloroform	ND	0.0040	0.00049	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
Chloromethane	ND	0.0099	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
2-Chlorotoluene	ND	0.0020	0.00030	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
4-Chlorotoluene	ND	0.0020	0.00040	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	0.00099	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
1,2-Dibromoethane (EDB)	ND	0.00099	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
Dibromomethane	ND	0.0020	0.00079	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
1,2-Dichlorobenzene	ND	0.0020	0.00040	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
1,3-Dichlorobenzene	ND	0.0020	0.00040	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
1,4-Dichlorobenzene	ND	0.0020	0.00079	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
trans-1,4-Dichloro-2-butene	ND	0.0040	0.00059	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.020	0.0011	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
1,1-Dichloroethane	ND	0.0020	0.00040	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
1,2-Dichloroethane	ND	0.0020	0.00049	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
1,1-Dichloroethylene	ND	0.0040	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
cis-1,2-Dichloroethylene	ND	0.0020	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
trans-1,2-Dichloroethylene	ND	0.0020	0.00059	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
1,2-Dichloropropane	ND	0.0020	0.00079	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
1,3-Dichloropropane	ND	0.00099	0.00049	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
2,2-Dichloropropane	ND	0.0020	0.00079	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
1,1-Dichloropropene	ND	0.0040	0.00079	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
cis-1,3-Dichloropropene	ND	0.00099	0.00040	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
trans-1,3-Dichloropropene	ND	0.00099	0.00040	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
Diethyl Ether	0.0013	0.020	0.00069	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 16:44	MFF

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-1 (0-2) | Sampled: 6/10/2019 14:50

Sample ID: 19F0630-09

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.00099	0.00020	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
1,4-Dioxane	ND	0.099	0.0052	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
Ethylbenzene	ND	0.0020	0.00059	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
Hexachlorobutadiene	ND	0.0020	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
2-Hexanone (MBK)	ND	0.020	0.0020	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
Isopropylbenzene (Cumene)	ND	0.0020	0.00059	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0020	0.00049	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
Methyl Acetate	ND	0.0020	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	0.00030	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
Methyl Cyclohexane	ND	0.0020	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
Methylene Chloride	0.0021	0.020	0.00099	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 16:44	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.020	0.0025	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
Naphthalene	ND	0.0040	0.00040	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
n-Propylbenzene	ND	0.0020	0.00059	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
Styrene	ND	0.0020	0.00040	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
1,1,1,2-Tetrachloroethane	ND	0.0020	0.00099	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
1,1,2,2-Tetrachloroethane	ND	0.00099	0.00040	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
Tetrachloroethylene	ND	0.0020	0.0012	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
Tetrahydrofuran	ND	0.0099	0.0011	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
Toluene	ND	0.0020	0.00059	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
1,2,3-Trichlorobenzene	ND	0.0020	0.00099	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
1,2,4-Trichlorobenzene	ND	0.0020	0.00040	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
1,3,5-Trichlorobenzene	ND	0.0020	0.00030	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
1,1,1-Trichloroethane	ND	0.0020	0.00049	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
1,1,2-Trichloroethane	ND	0.0020	0.00040	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
Trichloroethylene	ND	0.0020	0.00079	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0099	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
1,2,3-Trichloropropane	ND	0.0040	0.00079	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0099	0.00079	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
1,2,4-Trimethylbenzene	ND	0.0020	0.00030	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
1,3,5-Trimethylbenzene	ND	0.0020	0.00049	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
Vinyl Chloride	ND	0.0099	0.00089	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
m+p Xylene	ND	0.0040	0.00099	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
o-Xylene	ND	0.0020	0.00059	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	99.3	70-130		6/13/19 16:44
Toluene-d8	101	70-130		6/13/19 16:44
4-Bromofluorobenzene	100	70-130		6/13/19 16:44

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-1 (0-2) | Sampled: 6/10/2019 14:50

Sample ID: 19F0630-09

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.19	0.098	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
Acenaphthylene	ND	0.19	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
Acetophenone	ND	0.37	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
Aniline	ND	0.37	0.087	mg/Kg dry	1	V-34	SW-846 8270D	6/13/19	6/17/19 22:35	KLB
Anthracene	ND	0.19	0.098	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
Benzidine	ND	0.72	0.20	mg/Kg dry	1	V-04, V-05	SW-846 8270D	6/13/19	6/17/19 22:35	KLB
Benzo(a)anthracene	ND	0.19	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
Benzo(a)pyrene	ND	0.19	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
Benzo(b)fluoranthene	0.18	0.19	0.12	mg/Kg dry	1	J	SW-846 8270D	6/13/19	6/17/19 22:35	KLB
Benzo(g,h,i)perylene	0.19	0.19	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
Benzo(k)fluoranthene	ND	0.19	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
Benzoic Acid	ND	1.1	0.64	mg/Kg dry	1	L-04	SW-846 8270D	6/13/19	6/17/19 22:35	KLB
Bis(2-chloroethoxy)methane	ND	0.37	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
Bis(2-chloroethyl)ether	ND	0.37	0.19	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
Bis(2-chloroisopropyl)ether	ND	0.37	0.25	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
Bis(2-Ethylhexyl)phthalate	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
4-Bromophenylphenylether	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
Butylbenzylphthalate	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
Carbazole	ND	0.19	0.098	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
4-Chloroaniline	ND	0.72	0.15	mg/Kg dry	1	V-34	SW-846 8270D	6/13/19	6/17/19 22:35	KLB
4-Chloro-3-methylphenol	ND	0.72	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
2-Chloronaphthalene	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
2-Chlorophenol	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
4-Chlorophenylphenylether	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
Chrysene	ND	0.19	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
Dibenz(a,h)anthracene	ND	0.19	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
Dibenzofuran	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
Di-n-butylphthalate	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
1,2-Dichlorobenzene	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
1,3-Dichlorobenzene	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
1,4-Dichlorobenzene	ND	0.37	0.098	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
3,3-Dichlorobenzidine	ND	0.19	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
2,4-Dichlorophenol	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
Diethylphthalate	ND	0.37	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
2,4-Dimethylphenol	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
Dimethylphthalate	ND	0.37	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
4,6-Dinitro-2-methylphenol	ND	0.37	0.33	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
2,4-Dinitrophenol	ND	0.72	0.50	mg/Kg dry	1	V-05	SW-846 8270D	6/13/19	6/17/19 22:35	KLB
2,4-Dinitrotoluene	ND	0.37	0.17	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
2,6-Dinitrotoluene	ND	0.37	0.17	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
Di-n-octylphthalate	ND	0.37	0.16	mg/Kg dry	1	V-05	SW-846 8270D	6/13/19	6/17/19 22:35	KLB
1,2-Diphenylhydrazine/Azobenzene	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
Fluoranthene	0.16	0.19	0.11	mg/Kg dry	1	J	SW-846 8270D	6/13/19	6/17/19 22:35	KLB
Fluorene	ND	0.19	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-1 (0-2) Sampled: 6/10/2019 14:50

Sample ID: 19F0630-09

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.37	0.098	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
Hexachlorobutadiene	ND	0.37	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
Hexachlorocyclopentadiene	ND	0.37	0.31	mg/Kg dry	1	V-05	SW-846 8270D	6/13/19	6/17/19 22:35	KLB
Hexachloroethane	ND	0.37	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
Indeno(1,2,3-cd)pyrene	0.16	0.19	0.13	mg/Kg dry	1	J	SW-846 8270D	6/13/19	6/17/19 22:35	KLB
Isophorone	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
1-Methylnaphthalene	ND	0.19	0.098	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
2-Methylnaphthalene	ND	0.19	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
2-Methylphenol	ND	0.37	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
3/4-Methylphenol	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
Naphthalene	ND	0.19	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
2-Nitroaniline	ND	0.37	0.22	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
3-Nitroaniline	ND	0.37	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
4-Nitroaniline	ND	0.37	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
Nitrobenzene	ND	0.37	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
2-Nitrophenol	ND	0.37	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
4-Nitrophenol	ND	0.72	0.26	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
N-Nitrosodimethylamine	ND	0.37	0.20	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
N-Nitrosodiphenylamine/Diphenylamine	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
N-Nitrosodi-n-propylamine	ND	0.37	0.16	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
Pentachloronitrobenzene	ND	0.37	0.13	mg/Kg dry	1	V-16	SW-846 8270D	6/13/19	6/17/19 22:35	KLB
Pentachlorophenol	ND	0.37	0.25	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
Phenanthrene	ND	0.19	0.098	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
Phenol	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
Pyrene	0.18	0.19	0.12	mg/Kg dry	1	J	SW-846 8270D	6/13/19	6/17/19 22:35	KLB
Pyridine	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
1,2,4,5-Tetrachlorobenzene	ND	0.37	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
1,2,4-Trichlorobenzene	ND	0.37	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
2,4,5-Trichlorophenol	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
2,4,6-Trichlorophenol	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	60.2	30-130		6/17/19 22:35
Phenol-d6	65.7	30-130		6/17/19 22:35
Nitrobenzene-d5	68.0	30-130		6/17/19 22:35
2-Fluorobiphenyl	73.6	30-130		6/17/19 22:35
2,4,6-Tribromophenol	63.7	30-130		6/17/19 22:35
p-Terphenyl-d14	88.2	30-130		6/17/19 22:35

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-1 (0-2) Sampled: 6/10/2019 14:50

Sample ID: 19F0630-09

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	90.7		% Wt	1		SM 2540G	6/13/19	6/14/19 7:44	JDN

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-1 (17.5-19.5) Sampled: 6/10/2019 15:20

Sample ID: 19F0630-10

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	0.0097	0.085	0.0072	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 21:17	MFF
Acrylonitrile	ND	0.0051	0.00085	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00085	0.00026	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
Benzene	ND	0.0017	0.00051	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
Bromobenzene	ND	0.0017	0.00034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
Bromochloromethane	ND	0.0034	0.00068	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
Bromodichloromethane	ND	0.0017	0.00043	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
Bromoform	ND	0.0034	0.00060	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
Bromomethane	ND	0.0085	0.00094	mg/Kg dry	1	V-34	SW-846 8260C	6/13/19	6/13/19 21:17	MFF
2-Butanone (MEK)	ND	0.034	0.0047	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
tert-Butyl Alcohol (TBA)	ND	0.034	0.0038	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
n-Butylbenzene	ND	0.0017	0.00043	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
sec-Butylbenzene	ND	0.0017	0.00068	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
tert-Butylbenzene	ND	0.0017	0.00051	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00085	0.00017	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
Carbon Disulfide	ND	0.0051	0.0046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
Carbon Tetrachloride	ND	0.0017	0.00060	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
Chlorobenzene	ND	0.0017	0.00043	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
Chlorodibromomethane	ND	0.0017	0.00034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
Chloroethane	ND	0.017	0.00068	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
Chloroform	ND	0.0034	0.00043	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
Chloromethane	ND	0.0085	0.00060	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
2-Chlorotoluene	ND	0.0017	0.00026	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
4-Chlorotoluene	ND	0.0017	0.00034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0017	0.00085	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
1,2-Dibromoethane (EDB)	ND	0.00085	0.00060	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
Dibromomethane	ND	0.0017	0.00068	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
1,2-Dichlorobenzene	ND	0.0017	0.00034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
1,3-Dichlorobenzene	ND	0.0017	0.00034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
1,4-Dichlorobenzene	ND	0.0017	0.00068	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
trans-1,4-Dichloro-2-butene	ND	0.0034	0.00051	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.017	0.00094	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
1,1-Dichloroethane	ND	0.0017	0.00034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
1,2-Dichloroethane	ND	0.0017	0.00043	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
1,1-Dichloroethylene	ND	0.0034	0.00060	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
cis-1,2-Dichloroethylene	ND	0.0017	0.00060	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
trans-1,2-Dichloroethylene	ND	0.0017	0.00051	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
1,2-Dichloropropane	ND	0.0017	0.00068	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
1,3-Dichloropropane	ND	0.00085	0.00043	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
2,2-Dichloropropane	ND	0.0017	0.00068	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
1,1-Dichloropropene	ND	0.0034	0.00068	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
cis-1,3-Dichloropropene	ND	0.00085	0.00034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
trans-1,3-Dichloropropene	ND	0.00085	0.00034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
Diethyl Ether	0.0015	0.017	0.00060	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 21:17	MFF

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-1 (17.5-19.5) | Sampled: 6/10/2019 15:20

Sample ID: 19F0630-10

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.00085	0.00017	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
1,4-Dioxane	ND	0.085	0.0045	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
Ethylbenzene	ND	0.0017	0.00051	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
Hexachlorobutadiene	ND	0.0017	0.00060	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
2-Hexanone (MBK)	ND	0.017	0.0017	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
Isopropylbenzene (Cumene)	ND	0.0017	0.00051	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0017	0.00043	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
Methyl Acetate	ND	0.0017	0.00060	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0034	0.00026	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
Methyl Cyclohexane	ND	0.0017	0.00060	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
Methylene Chloride	0.0021	0.017	0.00085	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 21:17	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.017	0.0021	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
Naphthalene	ND	0.0034	0.00034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
n-Propylbenzene	ND	0.0017	0.00051	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
Styrene	ND	0.0017	0.00034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
1,1,1,2-Tetrachloroethane	ND	0.0017	0.00085	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
1,1,2,2-Tetrachloroethane	ND	0.00085	0.00034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
Tetrachloroethylene	ND	0.0017	0.0010	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
Tetrahydrofuran	ND	0.0085	0.00094	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
Toluene	ND	0.0017	0.00051	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
1,2,3-Trichlorobenzene	ND	0.0017	0.00085	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
1,2,4-Trichlorobenzene	ND	0.0017	0.00034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
1,3,5-Trichlorobenzene	ND	0.0017	0.00026	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
1,1,1-Trichloroethane	ND	0.0017	0.00043	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
1,1,2-Trichloroethane	ND	0.0017	0.00034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
Trichloroethylene	ND	0.0017	0.00068	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0085	0.00060	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
1,2,3-Trichloropropane	ND	0.0034	0.00068	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0085	0.00068	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
1,2,4-Trimethylbenzene	ND	0.0017	0.00026	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
1,3,5-Trimethylbenzene	ND	0.0017	0.00043	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
Vinyl Chloride	ND	0.0085	0.00077	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
m+p Xylene	ND	0.0034	0.00085	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
o-Xylene	ND	0.0017	0.00051	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	98.2	70-130		6/13/19 21:17
Toluene-d8	100	70-130		6/13/19 21:17
4-Bromofluorobenzene	102	70-130		6/13/19 21:17

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-1 (17.5-19.5) Sampled: 6/10/2019 15:20

Sample ID: 19F0630-10

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.18	0.093	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
Acenaphthylene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
Acetophenone	ND	0.35	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
Aniline	ND	0.35	0.083	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
Anthracene	ND	0.18	0.093	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
Benzidine	ND	0.69	0.19	mg/Kg dry	1	V-04, V-35	SW-846 8270D	6/13/19	6/19/19 8:20	IMR
Benzo(a)anthracene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
Benzo(a)pyrene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
Benzo(b)fluoranthene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
Benzo(g,h,i)perylene	ND	0.18	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
Benzo(k)fluoranthene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
Benzoic Acid	ND	1.0	0.61	mg/Kg dry	1	L-04	SW-846 8270D	6/13/19	6/19/19 8:20	IMR
Bis(2-chloroethoxy)methane	ND	0.35	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
Bis(2-chloroethyl)ether	ND	0.35	0.18	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
Bis(2-chloroisopropyl)ether	ND	0.35	0.24	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
Bis(2-Ethylhexyl)phthalate	ND	0.35	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
4-Bromophenylphenylether	ND	0.35	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
Butylbenzylphthalate	ND	0.35	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
Carbazole	ND	0.18	0.093	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
4-Chloroaniline	ND	0.69	0.15	mg/Kg dry	1	V-34	SW-846 8270D	6/13/19	6/19/19 8:20	IMR
4-Chloro-3-methylphenol	ND	0.69	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
2-Chloronaphthalene	ND	0.35	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
2-Chlorophenol	ND	0.35	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
4-Chlorophenylphenylether	ND	0.35	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
Chrysene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
Dibenz(a,h)anthracene	ND	0.18	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
Dibenzofuran	ND	0.35	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
Di-n-butylphthalate	ND	0.35	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
1,2-Dichlorobenzene	ND	0.35	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
1,3-Dichlorobenzene	ND	0.35	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
1,4-Dichlorobenzene	ND	0.35	0.093	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
3,3-Dichlorobenzidine	ND	0.18	0.13	mg/Kg dry	1	V-34	SW-846 8270D	6/13/19	6/19/19 8:20	IMR
2,4-Dichlorophenol	ND	0.35	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
Diethylphthalate	ND	0.35	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
2,4-Dimethylphenol	ND	0.35	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
Dimethylphthalate	ND	0.35	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
4,6-Dinitro-2-methylphenol	ND	0.35	0.31	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
2,4-Dinitrophenol	ND	0.69	0.48	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
2,4-Dinitrotoluene	ND	0.35	0.17	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
2,6-Dinitrotoluene	ND	0.35	0.17	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
Di-n-octylphthalate	ND	0.35	0.16	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
1,2-Diphenylhydrazine/Azobenzene	ND	0.35	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
Fluoranthene	ND	0.18	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
Fluorene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-1 (17.5-19.5) | Sampled: 6/10/2019 15:20

Sample ID: 19F0630-10

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.35	0.093	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
Hexachlorobutadiene	ND	0.35	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
Hexachlorocyclopentadiene	ND	0.35	0.29	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
Hexachloroethane	ND	0.35	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
Indeno(1,2,3-cd)pyrene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
Isophorone	ND	0.35	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
1-Methylnaphthalene	ND	0.18	0.093	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
2-Methylnaphthalene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
2-Methylphenol	ND	0.35	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
3/4-Methylphenol	ND	0.35	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
Naphthalene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
2-Nitroaniline	ND	0.35	0.21	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
3-Nitroaniline	ND	0.35	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
4-Nitroaniline	ND	0.35	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
Nitrobenzene	ND	0.35	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
2-Nitrophenol	ND	0.35	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
4-Nitrophenol	ND	0.69	0.25	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
N-Nitrosodimethylamine	ND	0.35	0.19	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
N-Nitrosodiphenylamine/Diphenylamine	ND	0.35	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
N-Nitrosodi-n-propylamine	ND	0.35	0.16	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
Pentachloronitrobenzene	ND	0.35	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
Pentachlorophenol	ND	0.35	0.24	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
Phenanthrene	ND	0.18	0.093	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
Phenol	ND	0.35	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
Pyrene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
Pyridine	ND	0.35	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
1,2,4,5-Tetrachlorobenzene	ND	0.35	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
1,2,4-Trichlorobenzene	ND	0.35	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
2,4,5-Trichlorophenol	ND	0.35	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
2,4,6-Trichlorophenol	ND	0.35	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	59.5	30-130		6/19/19 8:20
Phenol-d6	64.9	30-130		6/19/19 8:20
Nitrobenzene-d5	62.6	30-130		6/19/19 8:20
2-Fluorobiphenyl	79.0	30-130		6/19/19 8:20
2,4,6-Tribromophenol	52.9	30-130		6/19/19 8:20
p-Terphenyl-d14	87.3	30-130		6/19/19 8:20

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-1 (17.5-19.5) Sampled: 6/10/2019 15:20

Sample ID: 19F0630-10

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	95.7		% Wt	1		SM 2540G	6/13/19	6/14/19 7:44	JDN

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Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-6 (0-2) | Sampled: 6/11/2019 14:40

Sample ID: 19F0630-11

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	0.017	0.087	0.0073	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 21:44	MFF
Acrylonitrile	ND	0.0052	0.00087	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00087	0.00026	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
Benzene	ND	0.0017	0.00052	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
Bromobenzene	ND	0.0017	0.00035	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
Bromochloromethane	ND	0.0035	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
Bromodichloromethane	ND	0.0017	0.00043	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
Bromoform	ND	0.0035	0.00061	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
Bromomethane	ND	0.0087	0.00095	mg/Kg dry	1	V-34	SW-846 8260C	6/13/19	6/13/19 21:44	MFF
2-Butanone (MEK)	ND	0.035	0.0048	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
tert-Butyl Alcohol (TBA)	ND	0.035	0.0039	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
n-Butylbenzene	ND	0.0017	0.00043	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
sec-Butylbenzene	ND	0.0017	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
tert-Butylbenzene	ND	0.0017	0.00052	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00087	0.00017	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
Carbon Disulfide	ND	0.0052	0.0047	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
Carbon Tetrachloride	ND	0.0017	0.00061	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
Chlorobenzene	ND	0.0017	0.00043	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
Chlorodibromomethane	ND	0.0017	0.00035	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
Chloroethane	ND	0.017	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
Chloroform	ND	0.0035	0.00043	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
Chloromethane	ND	0.0087	0.00061	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
2-Chlorotoluene	ND	0.0017	0.00026	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
4-Chlorotoluene	ND	0.0017	0.00035	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0017	0.00087	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
1,2-Dibromoethane (EDB)	ND	0.00087	0.00061	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
Dibromomethane	ND	0.0017	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
1,2-Dichlorobenzene	ND	0.0017	0.00035	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
1,3-Dichlorobenzene	ND	0.0017	0.00035	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
1,4-Dichlorobenzene	ND	0.0017	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
trans-1,4-Dichloro-2-butene	ND	0.0035	0.00052	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.017	0.00095	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
1,1-Dichloroethane	ND	0.0017	0.00035	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
1,2-Dichloroethane	ND	0.0017	0.00043	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
1,1-Dichloroethylene	ND	0.0035	0.00061	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
cis-1,2-Dichloroethylene	ND	0.0017	0.00061	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
trans-1,2-Dichloroethylene	ND	0.0017	0.00052	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
1,2-Dichloropropane	ND	0.0017	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
1,3-Dichloropropane	ND	0.00087	0.00043	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
2,2-Dichloropropane	ND	0.0017	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
1,1-Dichloropropene	ND	0.0035	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
cis-1,3-Dichloropropene	ND	0.00087	0.00035	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
trans-1,3-Dichloropropene	ND	0.00087	0.00035	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
Diethyl Ether	ND	0.017	0.00061	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-6 (0-2) | Sampled: 6/11/2019 14:40

Sample ID: 19F0630-11

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.00087	0.00017	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
1,4-Dioxane	ND	0.087	0.0046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
Ethylbenzene	ND	0.0017	0.00052	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
Hexachlorobutadiene	ND	0.0017	0.00061	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
2-Hexanone (MBK)	ND	0.017	0.0017	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
Isopropylbenzene (Cumene)	ND	0.0017	0.00052	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0017	0.00043	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
Methyl Acetate	ND	0.0017	0.00061	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0035	0.00026	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
Methyl Cyclohexane	ND	0.0017	0.00061	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
Methylene Chloride	0.0017	0.017	0.00087	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 21:44	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.017	0.0022	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
Naphthalene	ND	0.0035	0.00035	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
n-Propylbenzene	ND	0.0017	0.00052	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
Styrene	ND	0.0017	0.00035	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
1,1,1,2-Tetrachloroethane	ND	0.0017	0.00087	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
1,1,2,2-Tetrachloroethane	ND	0.00087	0.00035	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
Tetrachloroethylene	0.0092	0.0017	0.0010	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
Tetrahydrofuran	ND	0.0087	0.00095	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
Toluene	0.00059	0.0017	0.00052	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 21:44	MFF
1,2,3-Trichlorobenzene	ND	0.0017	0.00087	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
1,2,4-Trichlorobenzene	ND	0.0017	0.00035	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
1,3,5-Trichlorobenzene	ND	0.0017	0.00026	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
1,1,1-Trichloroethane	ND	0.0017	0.00043	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
1,1,2-Trichloroethane	ND	0.0017	0.00035	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
Trichloroethylene	ND	0.0017	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0087	0.00061	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
1,2,3-Trichloropropane	ND	0.0035	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0087	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
1,2,4-Trimethylbenzene	ND	0.0017	0.00026	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
1,3,5-Trimethylbenzene	ND	0.0017	0.00043	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
Vinyl Chloride	ND	0.0087	0.00078	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
m+p Xylene	ND	0.0035	0.00087	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
o-Xylene	ND	0.0017	0.00052	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	102	70-130		6/13/19 21:44
Toluene-d8	99.6	70-130		6/13/19 21:44
4-Bromofluorobenzene	99.2	70-130		6/13/19 21:44

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-6 (0-2) | Sampled: 6/11/2019 14:40

Sample ID: 19F0630-11

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.18	0.095	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
Acenaphthylene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
Acetophenone	ND	0.36	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
Aniline	ND	0.36	0.084	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
Anthracene	ND	0.18	0.095	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
Benzidine	ND	0.70	0.19	mg/Kg dry	1	V-04, V-35	SW-846 8270D	6/13/19	6/19/19 8:47	IMR
Benzo(a)anthracene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
Benzo(a)pyrene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
Benzo(b)fluoranthene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
Benzo(g,h,i)perylene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
Benzo(k)fluoranthene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
Benzoic Acid	ND	1.1	0.62	mg/Kg dry	1	L-04	SW-846 8270D	6/13/19	6/19/19 8:47	IMR
Bis(2-chloroethoxy)methane	ND	0.36	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
Bis(2-chloroethyl)ether	ND	0.36	0.18	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
Bis(2-chloroisopropyl)ether	ND	0.36	0.24	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
Bis(2-Ethylhexyl)phthalate	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
4-Bromophenylphenylether	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
Butylbenzylphthalate	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
Carbazole	ND	0.18	0.095	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
4-Chloroaniline	ND	0.70	0.15	mg/Kg dry	1	V-34	SW-846 8270D	6/13/19	6/19/19 8:47	IMR
4-Chloro-3-methylphenol	ND	0.70	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
2-Chloronaphthalene	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
2-Chlorophenol	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
4-Chlorophenylphenylether	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
Chrysene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
Dibenz(a,h)anthracene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
Dibenzofuran	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
Di-n-butylphthalate	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
1,2-Dichlorobenzene	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
1,3-Dichlorobenzene	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
1,4-Dichlorobenzene	ND	0.36	0.095	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
3,3-Dichlorobenzidine	ND	0.18	0.14	mg/Kg dry	1	V-34	SW-846 8270D	6/13/19	6/19/19 8:47	IMR
2,4-Dichlorophenol	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
Diethylphthalate	ND	0.36	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
2,4-Dimethylphenol	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
Dimethylphthalate	ND	0.36	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
4,6-Dinitro-2-methylphenol	ND	0.36	0.32	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
2,4-Dinitrophenol	ND	0.70	0.48	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
2,4-Dinitrotoluene	ND	0.36	0.17	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
2,6-Dinitrotoluene	ND	0.36	0.17	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
Di-n-octylphthalate	ND	0.36	0.16	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
1,2-Diphenylhydrazine/Azobenzene	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
Fluoranthene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
Fluorene	ND	0.18	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-6 (0-2) | Sampled: 6/11/2019 14:40

Sample ID: 19F0630-11

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.36	0.095	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
Hexachlorobutadiene	ND	0.36	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
Hexachlorocyclopentadiene	ND	0.36	0.30	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
Hexachloroethane	ND	0.36	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
Indeno(1,2,3-cd)pyrene	ND	0.18	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
Isophorone	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
1-Methylnaphthalene	ND	0.18	0.095	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
2-Methylnaphthalene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
2-Methylphenol	ND	0.36	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
3/4-Methylphenol	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
Naphthalene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
2-Nitroaniline	ND	0.36	0.21	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
3-Nitroaniline	ND	0.36	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
4-Nitroaniline	ND	0.36	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
Nitrobenzene	ND	0.36	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
2-Nitrophenol	ND	0.36	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
4-Nitrophenol	ND	0.70	0.25	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
N-Nitrosodimethylamine	ND	0.36	0.19	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
N-Nitrosodiphenylamine/Diphenylamine	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
N-Nitrosodi-n-propylamine	ND	0.36	0.16	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
Pentachloronitrobenzene	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
Pentachlorophenol	ND	0.36	0.24	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
Phenanthrene	ND	0.18	0.095	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
Phenol	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
Pyrene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
Pyridine	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
1,2,4,5-Tetrachlorobenzene	ND	0.36	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
1,2,4-Trichlorobenzene	ND	0.36	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
2,4,5-Trichlorophenol	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
2,4,6-Trichlorophenol	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	64.2	30-130		6/19/19 8:47
Phenol-d6	67.8	30-130		6/19/19 8:47
Nitrobenzene-d5	62.8	30-130		6/19/19 8:47
2-Fluorobiphenyl	77.5	30-130		6/19/19 8:47
2,4,6-Tribromophenol	64.4	30-130		6/19/19 8:47
p-Terphenyl-d14	86.9	30-130		6/19/19 8:47

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Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-6 (0-2) Sampled: 6/11/2019 14:40

Sample ID: 19F0630-11

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	3.1	1.8	0.89	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:11	EJB
Barium	51	1.8	0.87	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:11	EJB
Cadmium	0.22	0.18	0.11	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:11	EJB
Chromium	9.0	0.35	0.22	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:11	EJB
Lead	56	0.53	0.31	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:11	EJB
Mercury	0.12	0.026	0.0079	mg/Kg dry	1		SW-846 7471B	6/17/19	6/18/19 10:53	AJL
Selenium	ND	3.5	2.9	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:11	EJB
Silver	ND	0.35	0.21	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:11	EJB

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Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-6 (0-2) Sampled: 6/11/2019 14:40

Sample ID: 19F0630-11

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	93.0		% Wt	1		SM 2540G	6/13/19	6/14/19 7:44	JDN

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Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-6 (16-18) | Sampled: 6/11/2019 15:00

Sample ID: 19F0630-12

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.091	0.0077	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
Acrylonitrile	ND	0.0055	0.00091	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00091	0.00027	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
Benzene	ND	0.0018	0.00055	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
Bromobenzene	ND	0.0018	0.00037	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
Bromochloromethane	ND	0.0037	0.00073	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
Bromodichloromethane	ND	0.0018	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
Bromoform	ND	0.0037	0.00064	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
Bromomethane	ND	0.0091	0.0010	mg/Kg dry	1	V-34	SW-846 8260C	6/13/19	6/13/19 22:11	MFF
2-Butanone (MEK)	ND	0.037	0.0050	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
tert-Butyl Alcohol (TBA)	ND	0.037	0.0041	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
n-Butylbenzene	ND	0.0018	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
sec-Butylbenzene	ND	0.0018	0.00073	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
tert-Butylbenzene	ND	0.0018	0.00055	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00091	0.00018	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
Carbon Disulfide	ND	0.0055	0.0049	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
Carbon Tetrachloride	ND	0.0018	0.00064	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
Chlorobenzene	ND	0.0018	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
Chlorodibromomethane	ND	0.0018	0.00037	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
Chloroethane	ND	0.018	0.00073	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
Chloroform	ND	0.0037	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
Chloromethane	ND	0.0091	0.00064	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
2-Chlorotoluene	ND	0.0018	0.00027	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
4-Chlorotoluene	ND	0.0018	0.00037	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0018	0.00091	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
1,2-Dibromoethane (EDB)	ND	0.00091	0.00064	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
Dibromomethane	ND	0.0018	0.00073	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
1,2-Dichlorobenzene	ND	0.0018	0.00037	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
1,3-Dichlorobenzene	ND	0.0018	0.00037	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
1,4-Dichlorobenzene	ND	0.0018	0.00073	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
trans-1,4-Dichloro-2-butene	ND	0.0037	0.00055	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.018	0.0010	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
1,1-Dichloroethane	ND	0.0018	0.00037	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
1,2-Dichloroethane	ND	0.0018	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
1,1-Dichloroethylene	ND	0.0037	0.00064	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
cis-1,2-Dichloroethylene	ND	0.0018	0.00064	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
trans-1,2-Dichloroethylene	ND	0.0018	0.00055	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
1,2-Dichloropropane	ND	0.0018	0.00073	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
1,3-Dichloropropane	ND	0.00091	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
2,2-Dichloropropane	ND	0.0018	0.00073	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
1,1-Dichloropropene	ND	0.0037	0.00073	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
cis-1,3-Dichloropropene	ND	0.00091	0.00037	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
trans-1,3-Dichloropropene	ND	0.00091	0.00037	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
Diethyl Ether	ND	0.018	0.00064	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF

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Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-6 (16-18) | Sampled: 6/11/2019 15:00

Sample ID: 19F0630-12

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.00091	0.00018	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
1,4-Dioxane	ND	0.091	0.0048	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
Ethylbenzene	ND	0.0018	0.00055	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
Hexachlorobutadiene	ND	0.0018	0.00064	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
2-Hexanone (MBK)	ND	0.018	0.0018	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
Isopropylbenzene (Cumene)	ND	0.0018	0.00055	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0018	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
Methyl Acetate	ND	0.0018	0.00064	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0037	0.00027	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
Methyl Cyclohexane	ND	0.0018	0.00064	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
Methylene Chloride	0.0014	0.018	0.00091	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 22:11	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.018	0.0023	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
Naphthalene	ND	0.0037	0.00037	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
n-Propylbenzene	ND	0.0018	0.00055	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
Styrene	ND	0.0018	0.00037	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
1,1,1,2-Tetrachloroethane	ND	0.0018	0.00091	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
1,1,2,2-Tetrachloroethane	ND	0.00091	0.00037	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
Tetrachloroethylene	0.0036	0.0018	0.0011	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
Tetrahydrofuran	ND	0.0091	0.0010	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
Toluene	ND	0.0018	0.00055	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
1,2,3-Trichlorobenzene	ND	0.0018	0.00091	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
1,2,4-Trichlorobenzene	ND	0.0018	0.00037	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
1,3,5-Trichlorobenzene	ND	0.0018	0.00027	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
1,1,1-Trichloroethane	ND	0.0018	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
1,1,2-Trichloroethane	ND	0.0018	0.00037	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
Trichloroethylene	ND	0.0018	0.00073	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0091	0.00064	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
1,2,3-Trichloropropane	ND	0.0037	0.00073	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0091	0.00073	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
1,2,4-Trimethylbenzene	ND	0.0018	0.00027	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
1,3,5-Trimethylbenzene	ND	0.0018	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
Vinyl Chloride	ND	0.0091	0.00082	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
m+p Xylene	ND	0.0037	0.00091	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
o-Xylene	ND	0.0018	0.00055	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	98.4	70-130		6/13/19 22:11
Toluene-d8	98.9	70-130		6/13/19 22:11
4-Bromofluorobenzene	104	70-130		6/13/19 22:11

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Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-6 (16-18) Sampled: 6/11/2019 15:00

Sample ID: 19F0630-12

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.20	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
Acenaphthylene	ND	0.20	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
Acetophenone	ND	0.39	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
Aniline	ND	0.39	0.092	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
Anthracene	ND	0.20	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
Benzidine	ND	0.76	0.21	mg/Kg dry	1	V-04, V-35	SW-846 8270D	6/13/19	6/19/19 9:14	IMR
Benzo(a)anthracene	ND	0.20	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
Benzo(a)pyrene	ND	0.20	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
Benzo(b)fluoranthene	ND	0.20	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
Benzo(g,h,i)perylene	ND	0.20	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
Benzo(k)fluoranthene	ND	0.20	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
Benzoic Acid	ND	1.2	0.68	mg/Kg dry	1	L-04	SW-846 8270D	6/13/19	6/19/19 9:14	IMR
Bis(2-chloroethoxy)methane	ND	0.39	0.16	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
Bis(2-chloroethyl)ether	ND	0.39	0.20	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
Bis(2-chloroisopropyl)ether	ND	0.39	0.27	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
Bis(2-Ethylhexyl)phthalate	ND	0.39	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
4-Bromophenylphenylether	ND	0.39	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
Butylbenzylphthalate	ND	0.39	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
Carbazole	ND	0.20	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
4-Chloroaniline	ND	0.76	0.16	mg/Kg dry	1	V-34	SW-846 8270D	6/13/19	6/19/19 9:14	IMR
4-Chloro-3-methylphenol	ND	0.76	0.16	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
2-Chloronaphthalene	ND	0.39	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
2-Chlorophenol	ND	0.39	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
4-Chlorophenylphenylether	ND	0.39	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
Chrysene	ND	0.20	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
Dibenz(a,h)anthracene	ND	0.20	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
Dibenzofuran	ND	0.39	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
Di-n-butylphthalate	ND	0.39	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
1,2-Dichlorobenzene	ND	0.39	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
1,3-Dichlorobenzene	ND	0.39	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
1,4-Dichlorobenzene	ND	0.39	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
3,3-Dichlorobenzidine	ND	0.20	0.15	mg/Kg dry	1	V-34	SW-846 8270D	6/13/19	6/19/19 9:14	IMR
2,4-Dichlorophenol	ND	0.39	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
Diethylphthalate	ND	0.39	0.16	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
2,4-Dimethylphenol	ND	0.39	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
Dimethylphthalate	ND	0.39	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
4,6-Dinitro-2-methylphenol	ND	0.39	0.35	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
2,4-Dinitrophenol	ND	0.76	0.53	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
2,4-Dinitrotoluene	ND	0.39	0.18	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
2,6-Dinitrotoluene	ND	0.39	0.18	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
Di-n-octylphthalate	ND	0.39	0.17	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
1,2-Diphenylhydrazine/Azobenzene	ND	0.39	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
Fluoranthene	ND	0.20	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
Fluorene	ND	0.20	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-6 (16-18) | Sampled: 6/11/2019 15:00

Sample ID: 19F0630-12

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.39	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
Hexachlorobutadiene	ND	0.39	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
Hexachlorocyclopentadiene	ND	0.39	0.32	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
Hexachloroethane	ND	0.39	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
Indeno(1,2,3-cd)pyrene	ND	0.20	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
Isophorone	ND	0.39	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
1-Methylnaphthalene	ND	0.20	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
2-Methylnaphthalene	ND	0.20	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
2-Methylphenol	ND	0.39	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
3/4-Methylphenol	ND	0.39	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
Naphthalene	ND	0.20	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
2-Nitroaniline	ND	0.39	0.23	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
3-Nitroaniline	ND	0.39	0.16	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
4-Nitroaniline	ND	0.39	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
Nitrobenzene	ND	0.39	0.16	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
2-Nitrophenol	ND	0.39	0.16	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
4-Nitrophenol	ND	0.76	0.28	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
N-Nitrosodimethylamine	ND	0.39	0.21	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
N-Nitrosodiphenylamine/Diphenylamine	ND	0.39	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
N-Nitrosodi-n-propylamine	ND	0.39	0.17	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
Pentachloronitrobenzene	ND	0.39	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
Pentachlorophenol	ND	0.39	0.27	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
Phenanthrene	ND	0.20	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
Phenol	ND	0.39	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
Pyrene	ND	0.20	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
Pyridine	ND	0.39	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
1,2,4,5-Tetrachlorobenzene	ND	0.39	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
1,2,4-Trichlorobenzene	ND	0.39	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
2,4,5-Trichlorophenol	ND	0.39	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
2,4,6-Trichlorophenol	ND	0.39	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	64.6	30-130		6/19/19 9:14
Phenol-d6	67.2	30-130		6/19/19 9:14
Nitrobenzene-d5	59.9	30-130		6/19/19 9:14
2-Fluorobiphenyl	77.3	30-130		6/19/19 9:14
2,4,6-Tribromophenol	75.7	30-130		6/19/19 9:14
p-Terphenyl-d14	87.7	30-130		6/19/19 9:14

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-6 (16-18) Sampled: 6/11/2019 15:00

Sample ID: 19F0630-12

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	5.0	1.9	0.97	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:16	EJB
Barium	38	1.9	0.95	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:16	EJB
Cadmium	0.28	0.19	0.12	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:16	EJB
Chromium	8.2	0.39	0.24	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:16	EJB
Lead	7.4	0.58	0.34	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:16	EJB
Mercury	0.016	0.028	0.0085	mg/Kg dry	1	J	SW-846 7471B	6/17/19	6/18/19 10:59	AJL
Selenium	ND	3.9	3.2	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:16	EJB
Silver	ND	0.39	0.23	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:16	EJB

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Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-6 (16-18) | Sampled: 6/11/2019 15:00

Sample ID: 19F0630-12

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.1		% Wt	1		SM 2540G	6/13/19	6/14/19 7:44	JDN

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Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-7 (0-2) | Sampled: 6/12/2019 07:40

Sample ID: 19F0630-13

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	0.029	0.10	0.0086	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 22:38	MFF
Acrylonitrile	ND	0.0062	0.0010	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0010	0.00031	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
Benzene	ND	0.0021	0.00062	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
Bromobenzene	ND	0.0021	0.00041	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
Bromochloromethane	ND	0.0041	0.00082	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
Bromodichloromethane	ND	0.0021	0.00051	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
Bromoform	ND	0.0041	0.00072	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
Bromomethane	ND	0.010	0.0011	mg/Kg dry	1	V-34	SW-846 8260C	6/13/19	6/13/19 22:38	MFF
2-Butanone (MEK)	ND	0.041	0.0057	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
tert-Butyl Alcohol (TBA)	ND	0.041	0.0046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
n-Butylbenzene	ND	0.0021	0.00051	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
sec-Butylbenzene	ND	0.0021	0.00082	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
tert-Butylbenzene	ND	0.0021	0.00062	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0010	0.00021	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
Carbon Disulfide	ND	0.0062	0.0056	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
Carbon Tetrachloride	ND	0.0021	0.00072	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
Chlorobenzene	ND	0.0021	0.00051	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
Chlorodibromomethane	ND	0.0021	0.00041	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
Chloroethane	ND	0.021	0.00082	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
Chloroform	ND	0.0041	0.00051	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
Chloromethane	ND	0.010	0.00072	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
2-Chlorotoluene	ND	0.0021	0.00031	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
4-Chlorotoluene	ND	0.0021	0.00041	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0021	0.0010	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
1,2-Dibromoethane (EDB)	ND	0.0010	0.00072	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
Dibromomethane	ND	0.0021	0.00082	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
1,2-Dichlorobenzene	ND	0.0021	0.00041	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
1,3-Dichlorobenzene	ND	0.0021	0.00041	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
1,4-Dichlorobenzene	ND	0.0021	0.00082	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
trans-1,4-Dichloro-2-butene	ND	0.0041	0.00062	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.021	0.0011	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
1,1-Dichloroethane	ND	0.0021	0.00041	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
1,2-Dichloroethane	ND	0.0021	0.00051	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
1,1-Dichloroethylene	ND	0.0041	0.00072	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
cis-1,2-Dichloroethylene	ND	0.0021	0.00072	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
trans-1,2-Dichloroethylene	ND	0.0021	0.00062	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
1,2-Dichloropropane	ND	0.0021	0.00082	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
1,3-Dichloropropane	ND	0.0010	0.00051	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
2,2-Dichloropropane	ND	0.0021	0.00082	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
1,1-Dichloropropene	ND	0.0041	0.00082	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
cis-1,3-Dichloropropene	ND	0.0010	0.00041	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
trans-1,3-Dichloropropene	ND	0.0010	0.00041	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
Diethyl Ether	0.0020	0.021	0.00072	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 22:38	MFF

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-7 (0-2) | Sampled: 6/12/2019 07:40

Sample ID: 19F0630-13

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0010	0.00021	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
1,4-Dioxane	ND	0.10	0.0055	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
Ethylbenzene	ND	0.0021	0.00062	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
Hexachlorobutadiene	ND	0.0021	0.00072	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
2-Hexanone (MBK)	ND	0.021	0.0021	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
Isopropylbenzene (Cumene)	ND	0.0021	0.00062	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0021	0.00051	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
Methyl Acetate	ND	0.0021	0.00072	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0041	0.00031	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
Methyl Cyclohexane	ND	0.0021	0.00072	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
Methylene Chloride	0.0022	0.021	0.0010	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 22:38	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.021	0.0026	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
Naphthalene	ND	0.0041	0.00041	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
n-Propylbenzene	ND	0.0021	0.00062	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
Styrene	ND	0.0021	0.00041	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
1,1,1,2-Tetrachloroethane	ND	0.0021	0.0010	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
1,1,2,2-Tetrachloroethane	ND	0.0010	0.00041	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
Tetrachloroethylene	ND	0.0021	0.0012	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
Tetrahydrofuran	ND	0.010	0.0011	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
Toluene	ND	0.0021	0.00062	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
1,2,3-Trichlorobenzene	ND	0.0021	0.0010	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
1,2,4-Trichlorobenzene	ND	0.0021	0.00041	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
1,3,5-Trichlorobenzene	ND	0.0021	0.00031	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
1,1,1-Trichloroethane	ND	0.0021	0.00051	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
1,1,2-Trichloroethane	ND	0.0021	0.00041	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
Trichloroethylene	ND	0.0021	0.00082	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
Trichlorofluoromethane (Freon 11)	ND	0.010	0.00072	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
1,2,3-Trichloropropane	ND	0.0041	0.00082	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	0.00082	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
1,2,4-Trimethylbenzene	ND	0.0021	0.00031	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
1,3,5-Trimethylbenzene	ND	0.0021	0.00051	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
Vinyl Chloride	ND	0.010	0.00093	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
m+p Xylene	ND	0.0041	0.0010	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
o-Xylene	ND	0.0021	0.00062	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	99.0	70-130		6/13/19 22:38
Toluene-d8	98.6	70-130		6/13/19 22:38
4-Bromofluorobenzene	102	70-130		6/13/19 22:38

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-7 (0-2) Sampled: 6/12/2019 07:40

Sample ID: 19F0630-13

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.18	0.094	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
Acenaphthylene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
Acetophenone	ND	0.35	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
Aniline	ND	0.35	0.083	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
Anthracene	0.43	0.18	0.094	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
Benzidine	ND	0.69	0.19	mg/Kg dry	1	V-04, V-35	SW-846 8270D	6/13/19	6/19/19 9:48	IMR
Benzo(a)anthracene	1.7	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
Benzo(a)pyrene	1.6	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
Benzo(b)fluoranthene	1.8	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
Benzo(g,h,i)perylene	1.3	0.18	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
Benzo(k)fluoranthene	0.69	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
Benzoic Acid	ND	1.0	0.62	mg/Kg dry	1	L-04	SW-846 8270D	6/13/19	6/19/19 9:48	IMR
Bis(2-chloroethoxy)methane	ND	0.35	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
Bis(2-chloroethyl)ether	ND	0.35	0.18	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
Bis(2-chloroisopropyl)ether	ND	0.35	0.24	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
Bis(2-Ethylhexyl)phthalate	ND	0.35	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
4-Bromophenylphenylether	ND	0.35	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
Butylbenzylphthalate	ND	0.35	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
Carbazole	0.29	0.18	0.094	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
4-Chloroaniline	ND	0.69	0.15	mg/Kg dry	1	V-34	SW-846 8270D	6/13/19	6/19/19 9:48	IMR
4-Chloro-3-methylphenol	ND	0.69	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
2-Chloronaphthalene	ND	0.35	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
2-Chlorophenol	ND	0.35	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
4-Chlorophenylphenylether	ND	0.35	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
Chrysene	1.5	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
Dibenz(a,h)anthracene	0.25	0.18	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
Dibenzofuran	ND	0.35	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
Di-n-butylphthalate	ND	0.35	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
1,2-Dichlorobenzene	ND	0.35	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
1,3-Dichlorobenzene	ND	0.35	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
1,4-Dichlorobenzene	ND	0.35	0.094	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
3,3-Dichlorobenzidine	ND	0.18	0.14	mg/Kg dry	1	V-34	SW-846 8270D	6/13/19	6/19/19 9:48	IMR
2,4-Dichlorophenol	ND	0.35	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
Diethylphthalate	ND	0.35	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
2,4-Dimethylphenol	ND	0.35	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
Dimethylphthalate	ND	0.35	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
4,6-Dinitro-2-methylphenol	ND	0.35	0.31	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
2,4-Dinitrophenol	ND	0.69	0.48	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
2,4-Dinitrotoluene	ND	0.35	0.17	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
2,6-Dinitrotoluene	ND	0.35	0.17	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
Di-n-octylphthalate	ND	0.35	0.16	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
1,2-Diphenylhydrazine/Azobenzene	ND	0.35	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
Fluoranthene	3.8	0.18	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
Fluorene	ND	0.18	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-7 (0-2) | Sampled: 6/12/2019 07:40

Sample ID: 19F0630-13

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.35	0.094	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
Hexachlorobutadiene	ND	0.35	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
Hexachlorocyclopentadiene	ND	0.35	0.29	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
Hexachloroethane	ND	0.35	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
Indeno(1,2,3-cd)pyrene	1.3	0.18	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
Isophorone	ND	0.35	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
1-Methylnaphthalene	ND	0.18	0.094	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
2-Methylnaphthalene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
2-Methylphenol	ND	0.35	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
3/4-Methylphenol	ND	0.35	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
Naphthalene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
2-Nitroaniline	ND	0.35	0.21	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
3-Nitroaniline	ND	0.35	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
4-Nitroaniline	ND	0.35	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
Nitrobenzene	ND	0.35	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
2-Nitrophenol	ND	0.35	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
4-Nitrophenol	ND	0.69	0.25	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
N-Nitrosodimethylamine	ND	0.35	0.19	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
N-Nitrosodiphenylamine/Diphenylamine	ND	0.35	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
N-Nitrosodi-n-propylamine	ND	0.35	0.16	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
Pentachloronitrobenzene	ND	0.35	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
Pentachlorophenol	ND	0.35	0.24	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
Phenanthrene	2.1	0.18	0.094	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
Phenol	ND	0.35	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
Pyrene	3.5	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
Pyridine	ND	0.35	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
1,2,4,5-Tetrachlorobenzene	ND	0.35	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
1,2,4-Trichlorobenzene	ND	0.35	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
2,4,5-Trichlorophenol	ND	0.35	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
2,4,6-Trichlorophenol	ND	0.35	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	61.0	30-130		6/19/19 9:48
Phenol-d6	64.3	30-130		6/19/19 9:48
Nitrobenzene-d5	61.0	30-130		6/19/19 9:48
2-Fluorobiphenyl	79.7	30-130		6/19/19 9:48
2,4,6-Tribromophenol	65.6	30-130		6/19/19 9:48
p-Terphenyl-d14	80.0	30-130		6/19/19 9:48

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-7 (0-2) Sampled: 6/12/2019 07:40

Sample ID: 19F0630-13

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	4.5	1.8	0.89	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:21	EJB
Barium	47	1.8	0.87	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:21	EJB
Cadmium	0.36	0.18	0.11	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:21	EJB
Chromium	9.2	0.35	0.22	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:21	EJB
Lead	49	0.53	0.31	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:21	EJB
Mercury	0.13	0.027	0.0081	mg/Kg dry	1		SW-846 7471B	6/17/19	6/18/19 11:01	AJL
Selenium	ND	3.5	2.9	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:21	EJB
Silver	ND	0.35	0.21	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:21	EJB

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Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-7 (0-2) Sampled: 6/12/2019 07:40

Sample ID: 19F0630-13

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	93.7		% Wt	1		SM 2540G	6/13/19	6/14/19 7:45	JDN

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Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-7 (18-20) | Sampled: 6/12/2019 08:15

Sample ID: 19F0630-14

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	0.0097	0.086	0.0072	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 23:06	MFF
Acrylonitrile	ND	0.0052	0.00086	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00086	0.00026	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
Benzene	ND	0.0017	0.00052	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
Bromobenzene	ND	0.0017	0.00034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
Bromochloromethane	ND	0.0034	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
Bromodichloromethane	ND	0.0017	0.00043	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
Bromoform	ND	0.0034	0.00060	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
Bromomethane	ND	0.0086	0.00095	mg/Kg dry	1	V-34	SW-846 8260C	6/13/19	6/13/19 23:06	MFF
2-Butanone (MEK)	ND	0.034	0.0047	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
tert-Butyl Alcohol (TBA)	ND	0.034	0.0039	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
n-Butylbenzene	ND	0.0017	0.00043	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
sec-Butylbenzene	ND	0.0017	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
tert-Butylbenzene	ND	0.0017	0.00052	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00086	0.00017	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
Carbon Disulfide	ND	0.0052	0.0047	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
Carbon Tetrachloride	ND	0.0017	0.00060	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
Chlorobenzene	ND	0.0017	0.00043	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
Chlorodibromomethane	ND	0.0017	0.00034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
Chloroethane	ND	0.017	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
Chloroform	ND	0.0034	0.00043	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
Chloromethane	ND	0.0086	0.00060	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
2-Chlorotoluene	ND	0.0017	0.00026	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
4-Chlorotoluene	ND	0.0017	0.00034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0017	0.00086	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
1,2-Dibromoethane (EDB)	ND	0.00086	0.00060	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
Dibromomethane	ND	0.0017	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
1,2-Dichlorobenzene	ND	0.0017	0.00034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
1,3-Dichlorobenzene	ND	0.0017	0.00034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
1,4-Dichlorobenzene	ND	0.0017	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
trans-1,4-Dichloro-2-butene	ND	0.0034	0.00052	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.017	0.00095	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
1,1-Dichloroethane	ND	0.0017	0.00034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
1,2-Dichloroethane	ND	0.0017	0.00043	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
1,1-Dichloroethylene	ND	0.0034	0.00060	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
cis-1,2-Dichloroethylene	ND	0.0017	0.00060	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
trans-1,2-Dichloroethylene	ND	0.0017	0.00052	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
1,2-Dichloropropane	ND	0.0017	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
1,3-Dichloropropane	ND	0.00086	0.00043	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
2,2-Dichloropropane	ND	0.0017	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
1,1-Dichloropropene	ND	0.0034	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
cis-1,3-Dichloropropene	ND	0.00086	0.00034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
trans-1,3-Dichloropropene	ND	0.00086	0.00034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
Diethyl Ether	0.0027	0.017	0.00060	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 23:06	MFF

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-7 (18-20) | Sampled: 6/12/2019 08:15

Sample ID: 19F0630-14

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.00086	0.00017	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
1,4-Dioxane	ND	0.086	0.0046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
Ethylbenzene	ND	0.0017	0.00052	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
Hexachlorobutadiene	ND	0.0017	0.00060	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
2-Hexanone (MBK)	ND	0.017	0.0017	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
Isopropylbenzene (Cumene)	ND	0.0017	0.00052	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0017	0.00043	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
Methyl Acetate	ND	0.0017	0.00060	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0034	0.00026	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
Methyl Cyclohexane	ND	0.0017	0.00060	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
Methylene Chloride	0.0027	0.017	0.00086	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 23:06	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.017	0.0022	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
Naphthalene	ND	0.0034	0.00034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
n-Propylbenzene	ND	0.0017	0.00052	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
Styrene	ND	0.0017	0.00034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
1,1,1,2-Tetrachloroethane	ND	0.0017	0.00086	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
1,1,2,2-Tetrachloroethane	ND	0.00086	0.00034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
Tetrachloroethylene	ND	0.0017	0.0010	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
Tetrahydrofuran	ND	0.0086	0.00095	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
Toluene	ND	0.0017	0.00052	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
1,2,3-Trichlorobenzene	ND	0.0017	0.00086	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
1,2,4-Trichlorobenzene	ND	0.0017	0.00034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
1,3,5-Trichlorobenzene	ND	0.0017	0.00026	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
1,1,1-Trichloroethane	ND	0.0017	0.00043	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
1,1,2-Trichloroethane	ND	0.0017	0.00034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
Trichloroethylene	0.00069	0.0017	0.00069	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 23:06	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0086	0.00060	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
1,2,3-Trichloropropane	ND	0.0034	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0086	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
1,2,4-Trimethylbenzene	ND	0.0017	0.00026	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
1,3,5-Trimethylbenzene	ND	0.0017	0.00043	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
Vinyl Chloride	ND	0.0086	0.00078	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
m+p Xylene	ND	0.0034	0.00086	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
o-Xylene	ND	0.0017	0.00052	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	97.5	70-130		6/13/19 23:06
Toluene-d8	101	70-130		6/13/19 23:06
4-Bromofluorobenzene	99.9	70-130		6/13/19 23:06

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-7 (18-20) | Sampled: 6/12/2019 08:15

Sample ID: 19F0630-14

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.18	0.097	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
Acenaphthylene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
Acetophenone	ND	0.36	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
Aniline	ND	0.36	0.086	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
Anthracene	ND	0.18	0.097	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
Benzidine	ND	0.71	0.19	mg/Kg dry	1	V-04, V-35	SW-846 8270D	6/13/19	6/19/19 10:09	IMR
Benzo(a)anthracene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
Benzo(a)pyrene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
Benzo(b)fluoranthene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
Benzo(g,h,i)perylene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
Benzo(k)fluoranthene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
Benzoic Acid	ND	1.1	0.63	mg/Kg dry	1	L-04	SW-846 8270D	6/13/19	6/19/19 10:09	IMR
Bis(2-chloroethoxy)methane	ND	0.36	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
Bis(2-chloroethyl)ether	ND	0.36	0.18	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
Bis(2-chloroisopropyl)ether	ND	0.36	0.25	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
Bis(2-Ethylhexyl)phthalate	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
4-Bromophenylphenylether	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
Butylbenzylphthalate	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
Carbazole	ND	0.18	0.097	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
4-Chloroaniline	ND	0.71	0.15	mg/Kg dry	1	V-34	SW-846 8270D	6/13/19	6/19/19 10:09	IMR
4-Chloro-3-methylphenol	ND	0.71	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
2-Chloronaphthalene	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
2-Chlorophenol	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
4-Chlorophenylphenylether	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
Chrysene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
Dibenz(a,h)anthracene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
Dibenzofuran	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
Di-n-butylphthalate	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
1,2-Dichlorobenzene	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
1,3-Dichlorobenzene	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
1,4-Dichlorobenzene	ND	0.36	0.097	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
3,3-Dichlorobenzidine	ND	0.18	0.14	mg/Kg dry	1	V-34	SW-846 8270D	6/13/19	6/19/19 10:09	IMR
2,4-Dichlorophenol	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
Diethylphthalate	ND	0.36	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
2,4-Dimethylphenol	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
Dimethylphthalate	ND	0.36	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
4,6-Dinitro-2-methylphenol	ND	0.36	0.32	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
2,4-Dinitrophenol	ND	0.71	0.49	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
2,4-Dinitrotoluene	ND	0.36	0.17	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
2,6-Dinitrotoluene	ND	0.36	0.17	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
Di-n-octylphthalate	ND	0.36	0.16	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
1,2-Diphenylhydrazine/Azobenzene	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
Fluoranthene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
Fluorene	ND	0.18	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-7 (18-20) | Sampled: 6/12/2019 08:15

Sample ID: 19F0630-14

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.36	0.097	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
Hexachlorobutadiene	ND	0.36	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
Hexachlorocyclopentadiene	ND	0.36	0.30	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
Hexachloroethane	ND	0.36	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
Indeno(1,2,3-cd)pyrene	ND	0.18	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
Isophorone	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
1-Methylnaphthalene	ND	0.18	0.097	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
2-Methylnaphthalene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
2-Methylphenol	ND	0.36	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
3/4-Methylphenol	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
Naphthalene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
2-Nitroaniline	ND	0.36	0.21	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
3-Nitroaniline	ND	0.36	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
4-Nitroaniline	ND	0.36	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
Nitrobenzene	ND	0.36	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
2-Nitrophenol	ND	0.36	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
4-Nitrophenol	ND	0.71	0.26	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
N-Nitrosodimethylamine	ND	0.36	0.19	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
N-Nitrosodiphenylamine/Diphenylamine	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
N-Nitrosodi-n-propylamine	ND	0.36	0.16	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
Pentachloronitrobenzene	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
Pentachlorophenol	ND	0.36	0.25	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
Phenanthrene	ND	0.18	0.097	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
Phenol	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
Pyrene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
Pyridine	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
1,2,4,5-Tetrachlorobenzene	ND	0.36	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
1,2,4-Trichlorobenzene	ND	0.36	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
2,4,5-Trichlorophenol	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
2,4,6-Trichlorophenol	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	68.0	30-130		6/19/19 10:09
Phenol-d6	69.4	30-130		6/19/19 10:09
Nitrobenzene-d5	63.4	30-130		6/19/19 10:09
2-Fluorobiphenyl	82.5	30-130		6/19/19 10:09
2,4,6-Tribromophenol	75.9	30-130		6/19/19 10:09
p-Terphenyl-d14	82.4	30-130		6/19/19 10:09

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-7 (18-20) Sampled: 6/12/2019 08:15

Sample ID: 19F0630-14

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	4.7	1.7	0.88	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:26	EJB
Barium	47	1.7	0.86	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:26	EJB
Cadmium	0.31	0.17	0.11	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:26	EJB
Chromium	8.8	0.35	0.22	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:26	EJB
Lead	6.4	0.52	0.31	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:26	EJB
Mercury	0.011	0.026	0.0077	mg/Kg dry	1	J	SW-846 7471B	6/17/19	6/18/19 11:02	AJL
Selenium	ND	3.5	2.9	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:26	EJB
Silver	ND	0.35	0.20	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:26	EJB

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Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-7 (18-20) | Sampled: 6/12/2019 08:15

Sample ID: 19F0630-14

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	92.6		% Wt	1		SM 2540G	6/13/19	6/14/19 7:45	JDN

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-8 (0-2) | Sampled: 6/12/2019 08:55

Sample ID: 19F0630-15

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	0.031	0.093	0.0078	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 23:33	MFF
Acrylonitrile	ND	0.0056	0.00093	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00093	0.00028	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
Benzene	ND	0.0019	0.00056	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
Bromobenzene	ND	0.0019	0.00037	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
Bromochloromethane	ND	0.0037	0.00074	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
Bromodichloromethane	ND	0.0019	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
Bromoform	ND	0.0037	0.00065	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
Bromomethane	ND	0.0093	0.0010	mg/Kg dry	1	V-34	SW-846 8260C	6/13/19	6/13/19 23:33	MFF
2-Butanone (MEK)	ND	0.037	0.0051	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
tert-Butyl Alcohol (TBA)	ND	0.037	0.0042	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
n-Butylbenzene	ND	0.0019	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
sec-Butylbenzene	ND	0.0019	0.00074	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
tert-Butylbenzene	ND	0.0019	0.00056	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00093	0.00019	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
Carbon Disulfide	0.0064	0.0056	0.0050	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
Carbon Tetrachloride	ND	0.0019	0.00065	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
Chlorobenzene	ND	0.0019	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
Chlorodibromomethane	ND	0.0019	0.00037	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
Chloroethane	ND	0.019	0.00074	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
Chloroform	ND	0.0037	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
Chloromethane	ND	0.0093	0.00065	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
2-Chlorotoluene	ND	0.0019	0.00028	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
4-Chlorotoluene	ND	0.0019	0.00037	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0019	0.00093	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
1,2-Dibromoethane (EDB)	ND	0.00093	0.00065	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
Dibromomethane	ND	0.0019	0.00074	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
1,2-Dichlorobenzene	ND	0.0019	0.00037	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
1,3-Dichlorobenzene	ND	0.0019	0.00037	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
1,4-Dichlorobenzene	ND	0.0019	0.00074	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
trans-1,4-Dichloro-2-butene	ND	0.0037	0.00056	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.019	0.0010	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
1,1-Dichloroethane	ND	0.0019	0.00037	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
1,2-Dichloroethane	ND	0.0019	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
1,1-Dichloroethylene	ND	0.0037	0.00065	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
cis-1,2-Dichloroethylene	ND	0.0019	0.00065	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
trans-1,2-Dichloroethylene	ND	0.0019	0.00056	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
1,2-Dichloropropane	ND	0.0019	0.00074	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
1,3-Dichloropropane	ND	0.00093	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
2,2-Dichloropropane	ND	0.0019	0.00074	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
1,1-Dichloropropene	ND	0.0037	0.00074	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
cis-1,3-Dichloropropene	ND	0.00093	0.00037	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
trans-1,3-Dichloropropene	ND	0.00093	0.00037	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
Diethyl Ether	0.0025	0.019	0.00065	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 23:33	MFF

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-8 (0-2) | Sampled: 6/12/2019 08:55

Sample ID: 19F0630-15

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.00093	0.00019	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
1,4-Dioxane	ND	0.093	0.0049	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
Ethylbenzene	ND	0.0019	0.00056	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
Hexachlorobutadiene	ND	0.0019	0.00065	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
2-Hexanone (MBK)	ND	0.019	0.0019	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
Isopropylbenzene (Cumene)	ND	0.0019	0.00056	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0019	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
Methyl Acetate	ND	0.0019	0.00065	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0037	0.00028	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
Methyl Cyclohexane	ND	0.0019	0.00065	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
Methylene Chloride	0.0029	0.019	0.00093	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 23:33	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.019	0.0023	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
Naphthalene	ND	0.0037	0.00037	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
n-Propylbenzene	ND	0.0019	0.00056	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
Styrene	ND	0.0019	0.00037	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
1,1,1,2-Tetrachloroethane	ND	0.0019	0.00093	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
1,1,2,2-Tetrachloroethane	ND	0.00093	0.00037	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
Tetrachloroethylene	ND	0.0019	0.0011	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
Tetrahydrofuran	ND	0.0093	0.0010	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
Toluene	ND	0.0019	0.00056	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
1,2,3-Trichlorobenzene	ND	0.0019	0.00093	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
1,2,4-Trichlorobenzene	ND	0.0019	0.00037	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
1,3,5-Trichlorobenzene	ND	0.0019	0.00028	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
1,1,1-Trichloroethane	ND	0.0019	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
1,1,2-Trichloroethane	ND	0.0019	0.00037	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
Trichloroethylene	ND	0.0019	0.00074	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0093	0.00065	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
1,2,3-Trichloropropane	ND	0.0037	0.00074	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0093	0.00074	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
1,2,4-Trimethylbenzene	ND	0.0019	0.00028	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
1,3,5-Trimethylbenzene	ND	0.0019	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
Vinyl Chloride	ND	0.0093	0.00083	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
m+p Xylene	ND	0.0037	0.00093	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
o-Xylene	ND	0.0019	0.00056	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	97.2	70-130		6/13/19 23:33
Toluene-d8	98.3	70-130		6/13/19 23:33
4-Bromofluorobenzene	102	70-130		6/13/19 23:33

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Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-8 (0-2) | Sampled: 6/12/2019 08:55

Sample ID: 19F0630-15

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.18	0.098	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
Acenaphthylene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
Acetophenone	ND	0.37	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
Aniline	ND	0.37	0.087	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
Anthracene	ND	0.18	0.098	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
Benzidine	ND	0.72	0.20	mg/Kg dry	1	V-04, V-35	SW-846 8270D	6/13/19	6/19/19 10:37	IMR
Benzo(a)anthracene	0.15	0.18	0.12	mg/Kg dry	1	J	SW-846 8270D	6/13/19	6/19/19 10:37	IMR
Benzo(a)pyrene	0.16	0.18	0.12	mg/Kg dry	1	J	SW-846 8270D	6/13/19	6/19/19 10:37	IMR
Benzo(b)fluoranthene	0.20	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
Benzo(g,h,i)perylene	0.15	0.18	0.11	mg/Kg dry	1	J	SW-846 8270D	6/13/19	6/19/19 10:37	IMR
Benzo(k)fluoranthene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
Benzoic Acid	ND	1.1	0.64	mg/Kg dry	1	L-04	SW-846 8270D	6/13/19	6/19/19 10:37	IMR
Bis(2-chloroethoxy)methane	ND	0.37	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
Bis(2-chloroethyl)ether	ND	0.37	0.18	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
Bis(2-chloroisopropyl)ether	ND	0.37	0.25	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
Bis(2-Ethylhexyl)phthalate	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
4-Bromophenylphenylether	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
Butylbenzylphthalate	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
Carbazole	ND	0.18	0.098	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
4-Chloroaniline	ND	0.72	0.15	mg/Kg dry	1	V-34	SW-846 8270D	6/13/19	6/19/19 10:37	IMR
4-Chloro-3-methylphenol	ND	0.72	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
2-Chloronaphthalene	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
2-Chlorophenol	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
4-Chlorophenylphenylether	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
Chrysene	0.17	0.18	0.12	mg/Kg dry	1	J	SW-846 8270D	6/13/19	6/19/19 10:37	IMR
Dibenz(a,h)anthracene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
Dibenzofuran	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
Di-n-butylphthalate	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
1,2-Dichlorobenzene	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
1,3-Dichlorobenzene	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
1,4-Dichlorobenzene	ND	0.37	0.098	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
3,3-Dichlorobenzidine	ND	0.18	0.14	mg/Kg dry	1	V-34	SW-846 8270D	6/13/19	6/19/19 10:37	IMR
2,4-Dichlorophenol	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
Diethylphthalate	ND	0.37	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
2,4-Dimethylphenol	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
Dimethylphthalate	ND	0.37	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
4,6-Dinitro-2-methylphenol	ND	0.37	0.33	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
2,4-Dinitrophenol	ND	0.72	0.50	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
2,4-Dinitrotoluene	ND	0.37	0.17	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
2,6-Dinitrotoluene	ND	0.37	0.17	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
Di-n-octylphthalate	ND	0.37	0.16	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
1,2-Diphenylhydrazine/Azobenzene	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
Fluoranthene	0.32	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
Fluorene	ND	0.18	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR

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Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-8 (0-2) | Sampled: 6/12/2019 08:55

Sample ID: 19F0630-15

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.37	0.098	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
Hexachlorobutadiene	ND	0.37	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
Hexachlorocyclopentadiene	ND	0.37	0.30	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
Hexachloroethane	ND	0.37	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
Indeno(1,2,3-cd)pyrene	ND	0.18	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
Isophorone	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
1-Methylnaphthalene	ND	0.18	0.098	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
2-Methylnaphthalene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
2-Methylphenol	ND	0.37	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
3/4-Methylphenol	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
Naphthalene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
2-Nitroaniline	ND	0.37	0.22	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
3-Nitroaniline	ND	0.37	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
4-Nitroaniline	ND	0.37	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
Nitrobenzene	ND	0.37	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
2-Nitrophenol	ND	0.37	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
4-Nitrophenol	ND	0.72	0.26	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
N-Nitrosodimethylamine	ND	0.37	0.20	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
N-Nitrosodiphenylamine/Diphenylamine	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
N-Nitrosodi-n-propylamine	ND	0.37	0.16	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
Pentachloronitrobenzene	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
Pentachlorophenol	ND	0.37	0.25	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
Phenanthrene	0.15	0.18	0.098	mg/Kg dry	1	J	SW-846 8270D	6/13/19	6/19/19 10:37	IMR
Phenol	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
Pyrene	0.30	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
Pyridine	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
1,2,4,5-Tetrachlorobenzene	ND	0.37	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
1,2,4-Trichlorobenzene	ND	0.37	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
2,4,5-Trichlorophenol	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
2,4,6-Trichlorophenol	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	66.6	30-130		6/19/19 10:37
Phenol-d6	67.2	30-130		6/19/19 10:37
Nitrobenzene-d5	63.4	30-130		6/19/19 10:37
2-Fluorobiphenyl	78.9	30-130		6/19/19 10:37
2,4,6-Tribromophenol	71.3	30-130		6/19/19 10:37
p-Terphenyl-d14	93.8	30-130		6/19/19 10:37

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Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-8 (0-2) Sampled: 6/12/2019 08:55

Sample ID: 19F0630-15

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	3.7	1.8	0.93	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:31	EJB
Barium	39	1.8	0.91	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:31	EJB
Cadmium	0.32	0.18	0.11	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:31	EJB
Chromium	11	0.37	0.23	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:31	EJB
Lead	350	0.55	0.33	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:31	EJB
Mercury	0.034	0.028	0.0084	mg/Kg dry	1		SW-846 7471B	6/17/19	6/18/19 11:04	AJL
Selenium	ND	3.7	3.1	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:31	EJB
Silver	ND	0.37	0.22	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:31	EJB

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-8 (0-2) | Sampled: 6/12/2019 08:55

Sample ID: 19F0630-15

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	91.2		% Wt	1		SM 2540G	6/13/19	6/14/19 7:45	JDN

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Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-8 (18-20) | Sampled: 6/12/2019 09:05

Sample ID: 19F0630-16

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	0.0076	0.069	0.0058	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/14/19 0:00	MFF
Acrylonitrile	ND	0.0041	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00069	0.00021	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
Benzene	ND	0.0014	0.00041	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
Bromobenzene	ND	0.0014	0.00028	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
Bromochloromethane	ND	0.0028	0.00055	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
Bromodichloromethane	ND	0.0014	0.00034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
Bromoform	ND	0.0028	0.00048	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
Bromomethane	ND	0.0069	0.00076	mg/Kg dry	1	V-34	SW-846 8260C	6/13/19	6/14/19 0:00	MFF
2-Butanone (MEK)	ND	0.028	0.0038	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
tert-Butyl Alcohol (TBA)	ND	0.028	0.0031	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
n-Butylbenzene	ND	0.0014	0.00034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
sec-Butylbenzene	ND	0.0014	0.00055	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
tert-Butylbenzene	ND	0.0014	0.00041	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00069	0.00014	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
Carbon Disulfide	ND	0.0041	0.0037	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
Carbon Tetrachloride	ND	0.0014	0.00048	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
Chlorobenzene	ND	0.0014	0.00034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
Chlorodibromomethane	ND	0.0014	0.00028	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
Chloroethane	ND	0.014	0.00055	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
Chloroform	ND	0.0028	0.00034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
Chloromethane	ND	0.0069	0.00048	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
2-Chlorotoluene	ND	0.0014	0.00021	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
4-Chlorotoluene	ND	0.0014	0.00028	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0014	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
1,2-Dibromoethane (EDB)	ND	0.00069	0.00048	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
Dibromomethane	ND	0.0014	0.00055	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
1,2-Dichlorobenzene	ND	0.0014	0.00028	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
1,3-Dichlorobenzene	ND	0.0014	0.00028	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
1,4-Dichlorobenzene	ND	0.0014	0.00055	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
trans-1,4-Dichloro-2-butene	ND	0.0028	0.00041	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.014	0.00076	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
1,1-Dichloroethane	ND	0.0014	0.00028	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
1,2-Dichloroethane	ND	0.0014	0.00034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
1,1-Dichloroethylene	ND	0.0028	0.00048	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
cis-1,2-Dichloroethylene	ND	0.0014	0.00048	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
trans-1,2-Dichloroethylene	ND	0.0014	0.00041	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
1,2-Dichloropropane	ND	0.0014	0.00055	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
1,3-Dichloropropane	ND	0.00069	0.00034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
2,2-Dichloropropane	ND	0.0014	0.00055	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
1,1-Dichloropropene	ND	0.0028	0.00055	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
cis-1,3-Dichloropropene	ND	0.00069	0.00028	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
trans-1,3-Dichloropropene	ND	0.00069	0.00028	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
Diethyl Ether	0.0013	0.014	0.00048	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/14/19 0:00	MFF

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Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-8 (18-20) | Sampled: 6/12/2019 09:05

Sample ID: 19F0630-16

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.00069	0.00014	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
1,4-Dioxane	ND	0.069	0.0036	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
Ethylbenzene	ND	0.0014	0.00041	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
Hexachlorobutadiene	ND	0.0014	0.00048	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
2-Hexanone (MBK)	ND	0.014	0.0014	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
Isopropylbenzene (Cumene)	ND	0.0014	0.00041	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0014	0.00034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
Methyl Acetate	ND	0.0014	0.00048	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0028	0.00021	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
Methyl Cyclohexane	ND	0.0014	0.00048	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
Methylene Chloride	0.0021	0.014	0.00069	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/14/19 0:00	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.014	0.0017	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
Naphthalene	ND	0.0028	0.00028	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
n-Propylbenzene	ND	0.0014	0.00041	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
Styrene	ND	0.0014	0.00028	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
1,1,1,2-Tetrachloroethane	ND	0.0014	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
1,1,2,2-Tetrachloroethane	ND	0.00069	0.00028	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
Tetrachloroethylene	0.0011	0.0014	0.00083	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/14/19 0:00	MFF
Tetrahydrofuran	ND	0.0069	0.00076	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
Toluene	ND	0.0014	0.00041	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
1,2,3-Trichlorobenzene	ND	0.0014	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
1,2,4-Trichlorobenzene	ND	0.0014	0.00028	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
1,3,5-Trichlorobenzene	ND	0.0014	0.00021	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
1,1,1-Trichloroethane	ND	0.0014	0.00034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
1,1,2-Trichloroethane	ND	0.0014	0.00028	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
Trichloroethylene	0.00078	0.0014	0.00055	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/14/19 0:00	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0069	0.00048	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
1,2,3-Trichloropropane	ND	0.0028	0.00055	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0069	0.00055	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
1,2,4-Trimethylbenzene	ND	0.0014	0.00021	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
1,3,5-Trimethylbenzene	ND	0.0014	0.00034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
Vinyl Chloride	ND	0.0069	0.00062	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
m+p Xylene	ND	0.0028	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
o-Xylene	ND	0.0014	0.00041	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	96.3	70-130		6/14/19 0:00
Toluene-d8	98.9	70-130		6/14/19 0:00
4-Bromofluorobenzene	102	70-130		6/14/19 0:00

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-8 (18-20) | Sampled: 6/12/2019 09:05

Sample ID: 19F0630-16

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.19	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
Acenaphthylene	ND	0.19	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
Acetophenone	ND	0.39	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
Aniline	ND	0.39	0.091	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
Anthracene	ND	0.19	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
Benzidine	ND	0.75	0.21	mg/Kg dry	1	V-04, V-35	SW-846 8270D	6/13/19	6/19/19 11:05	IMR
Benzo(a)anthracene	ND	0.19	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
Benzo(a)pyrene	ND	0.19	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
Benzo(b)fluoranthene	ND	0.19	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
Benzo(g,h,i)perylene	ND	0.19	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
Benzo(k)fluoranthene	ND	0.19	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
Benzoic Acid	ND	1.1	0.67	mg/Kg dry	1	L-04	SW-846 8270D	6/13/19	6/19/19 11:05	IMR
Bis(2-chloroethoxy)methane	ND	0.39	0.16	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
Bis(2-chloroethyl)ether	ND	0.39	0.19	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
Bis(2-chloroisopropyl)ether	ND	0.39	0.26	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
Bis(2-Ethylhexyl)phthalate	ND	0.39	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
4-Bromophenylphenylether	ND	0.39	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
Butylbenzylphthalate	ND	0.39	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
Carbazole	ND	0.19	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
4-Chloroaniline	ND	0.75	0.16	mg/Kg dry	1	V-34	SW-846 8270D	6/13/19	6/19/19 11:05	IMR
4-Chloro-3-methylphenol	ND	0.75	0.16	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
2-Chloronaphthalene	ND	0.39	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
2-Chlorophenol	ND	0.39	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
4-Chlorophenylphenylether	ND	0.39	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
Chrysene	ND	0.19	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
Dibenz(a,h)anthracene	ND	0.19	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
Dibenzofuran	ND	0.39	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
Di-n-butylphthalate	ND	0.39	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
1,2-Dichlorobenzene	ND	0.39	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
1,3-Dichlorobenzene	ND	0.39	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
1,4-Dichlorobenzene	ND	0.39	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
3,3-Dichlorobenzidine	ND	0.19	0.15	mg/Kg dry	1	V-34	SW-846 8270D	6/13/19	6/19/19 11:05	IMR
2,4-Dichlorophenol	ND	0.39	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
Diethylphthalate	ND	0.39	0.16	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
2,4-Dimethylphenol	ND	0.39	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
Dimethylphthalate	ND	0.39	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
4,6-Dinitro-2-methylphenol	ND	0.39	0.34	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
2,4-Dinitrophenol	ND	0.75	0.53	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
2,4-Dinitrotoluene	ND	0.39	0.18	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
2,6-Dinitrotoluene	ND	0.39	0.18	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
Di-n-octylphthalate	ND	0.39	0.17	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
1,2-Diphenylhydrazine/Azobenzene	ND	0.39	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
Fluoranthene	ND	0.19	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
Fluorene	ND	0.19	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-8 (18-20) | Sampled: 6/12/2019 09:05

Sample ID: 19F0630-16

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.39	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
Hexachlorobutadiene	ND	0.39	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
Hexachlorocyclopentadiene	ND	0.39	0.32	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
Hexachloroethane	ND	0.39	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
Indeno(1,2,3-cd)pyrene	ND	0.19	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
Isophorone	ND	0.39	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
1-Methylnaphthalene	ND	0.19	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
2-Methylnaphthalene	ND	0.19	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
2-Methylphenol	ND	0.39	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
3/4-Methylphenol	ND	0.39	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
Naphthalene	ND	0.19	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
2-Nitroaniline	ND	0.39	0.23	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
3-Nitroaniline	ND	0.39	0.16	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
4-Nitroaniline	ND	0.39	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
Nitrobenzene	ND	0.39	0.16	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
2-Nitrophenol	ND	0.39	0.16	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
4-Nitrophenol	ND	0.75	0.27	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
N-Nitrosodimethylamine	ND	0.39	0.21	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
N-Nitrosodiphenylamine/Diphenylamine	ND	0.39	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
N-Nitrosodi-n-propylamine	ND	0.39	0.17	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
Pentachloronitrobenzene	ND	0.39	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
Pentachlorophenol	ND	0.39	0.26	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
Phenanthrene	ND	0.19	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
Phenol	ND	0.39	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
Pyrene	ND	0.19	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
Pyridine	ND	0.39	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
1,2,4,5-Tetrachlorobenzene	ND	0.39	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
1,2,4-Trichlorobenzene	ND	0.39	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
2,4,5-Trichlorophenol	ND	0.39	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
2,4,6-Trichlorophenol	ND	0.39	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	63.5	30-130		6/19/19 11:05
Phenol-d6	68.4	30-130		6/19/19 11:05
Nitrobenzene-d5	62.5	30-130		6/19/19 11:05
2-Fluorobiphenyl	82.0	30-130		6/19/19 11:05
2,4,6-Tribromophenol	75.1	30-130		6/19/19 11:05
p-Terphenyl-d14	97.7	30-130		6/19/19 11:05

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-8 (18-20) Sampled: 6/12/2019 09:05

Sample ID: 19F0630-16

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	3.1	1.9	0.96	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:35	EJB
Barium	25	1.9	0.94	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:35	EJB
Cadmium	0.26	0.19	0.11	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:35	EJB
Chromium	7.2	0.38	0.23	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:35	EJB
Lead	7.4	0.57	0.34	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:35	EJB
Mercury	0.016	0.029	0.0086	mg/Kg dry	1	J	SW-846 7471B	6/17/19	6/18/19 11:06	AJL
Selenium	ND	3.8	3.1	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:35	EJB
Silver	ND	0.38	0.22	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:35	EJB

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Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-8 (18-20) | Sampled: 6/12/2019 09:05

Sample ID: 19F0630-16

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.9		% Wt	1		SM 2540G	6/13/19	6/14/19 7:45	JDN

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Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-Dup | Sampled: 6/11/2019 00:00

Sample ID: 19F0630-17

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.10	0.0086	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
Acrylonitrile	ND	0.0061	0.0010	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0010	0.00031	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
Benzene	ND	0.0020	0.00061	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
Bromobenzene	ND	0.0020	0.00041	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
Bromochloromethane	ND	0.0041	0.00082	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
Bromodichloromethane	ND	0.0020	0.00051	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
Bromoform	ND	0.0041	0.00072	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
Bromomethane	ND	0.010	0.0011	mg/Kg dry	1	V-34	SW-846 8260C	6/13/19	6/14/19 0:29	MFF
2-Butanone (MEK)	ND	0.041	0.0056	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
tert-Butyl Alcohol (TBA)	ND	0.041	0.0046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
n-Butylbenzene	ND	0.0020	0.00051	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
sec-Butylbenzene	ND	0.0020	0.00082	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
tert-Butylbenzene	ND	0.0020	0.00061	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0010	0.00020	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
Carbon Disulfide	ND	0.0061	0.0055	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
Carbon Tetrachloride	ND	0.0020	0.00072	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
Chlorobenzene	ND	0.0020	0.00051	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
Chlorodibromomethane	ND	0.0020	0.00041	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
Chloroethane	ND	0.020	0.00082	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
Chloroform	ND	0.0041	0.00051	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
Chloromethane	ND	0.010	0.00072	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
2-Chlorotoluene	ND	0.0020	0.00031	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
4-Chlorotoluene	ND	0.0020	0.00041	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	0.0010	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
1,2-Dibromoethane (EDB)	ND	0.0010	0.00072	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
Dibromomethane	ND	0.0020	0.00082	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
1,2-Dichlorobenzene	ND	0.0020	0.00041	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
1,3-Dichlorobenzene	ND	0.0020	0.00041	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
1,4-Dichlorobenzene	ND	0.0020	0.00082	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
trans-1,4-Dichloro-2-butene	ND	0.0041	0.00061	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.020	0.0011	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
1,1-Dichloroethane	ND	0.0020	0.00041	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
1,2-Dichloroethane	ND	0.0020	0.00051	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
1,1-Dichloroethylene	ND	0.0041	0.00072	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
cis-1,2-Dichloroethylene	ND	0.0020	0.00072	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
trans-1,2-Dichloroethylene	ND	0.0020	0.00061	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
1,2-Dichloropropane	ND	0.0020	0.00082	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
1,3-Dichloropropane	ND	0.0010	0.00051	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
2,2-Dichloropropane	ND	0.0020	0.00082	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
1,1-Dichloropropene	ND	0.0041	0.00082	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
cis-1,3-Dichloropropene	ND	0.0010	0.00041	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
trans-1,3-Dichloropropene	ND	0.0010	0.00041	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
Diethyl Ether	0.0015	0.020	0.00072	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/14/19 0:29	MFF

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-Dup | Sampled: 6/11/2019 00:00

Sample ID: 19F0630-17

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0010	0.00020	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
1,4-Dioxane	ND	0.10	0.0054	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
Ethylbenzene	ND	0.0020	0.00061	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
Hexachlorobutadiene	ND	0.0020	0.00072	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
2-Hexanone (MBK)	ND	0.020	0.0020	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
Isopropylbenzene (Cumene)	ND	0.0020	0.00061	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0020	0.00051	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
Methyl Acetate	ND	0.0020	0.00072	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0041	0.00031	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
Methyl Cyclohexane	ND	0.0020	0.00072	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
Methylene Chloride	0.0023	0.020	0.0010	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/14/19 0:29	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.020	0.0026	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
Naphthalene	ND	0.0041	0.00041	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
n-Propylbenzene	ND	0.0020	0.00061	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
Styrene	ND	0.0020	0.00041	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
1,1,1,2-Tetrachloroethane	ND	0.0020	0.0010	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
1,1,2,2-Tetrachloroethane	ND	0.0010	0.00041	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
Tetrachloroethylene	ND	0.0020	0.0012	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
Tetrahydrofuran	ND	0.010	0.0011	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
Toluene	ND	0.0020	0.00061	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
1,2,3-Trichlorobenzene	ND	0.0020	0.0010	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
1,2,4-Trichlorobenzene	ND	0.0020	0.00041	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
1,3,5-Trichlorobenzene	ND	0.0020	0.00031	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
1,1,1-Trichloroethane	ND	0.0020	0.00051	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
1,1,2-Trichloroethane	ND	0.0020	0.00041	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
Trichloroethylene	ND	0.0020	0.00082	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
Trichlorofluoromethane (Freon 11)	ND	0.010	0.00072	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
1,2,3-Trichloropropane	ND	0.0041	0.00082	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	0.00082	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
1,2,4-Trimethylbenzene	ND	0.0020	0.00031	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
1,3,5-Trimethylbenzene	ND	0.0020	0.00051	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
Vinyl Chloride	ND	0.010	0.00092	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
m+p Xylene	ND	0.0041	0.0010	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
o-Xylene	ND	0.0020	0.00061	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	102	70-130		6/14/19 0:29
Toluene-d8	98.7	70-130		6/14/19 0:29
4-Bromofluorobenzene	99.6	70-130		6/14/19 0:29

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-Dup | Sampled: 6/11/2019 00:00

Sample ID: 19F0630-17

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.18	0.097	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
Acenaphthylene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
Acetophenone	ND	0.36	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
Aniline	ND	0.36	0.086	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
Anthracene	ND	0.18	0.097	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
Benzidine	ND	0.71	0.19	mg/Kg dry	1	V-04, V-35	SW-846 8270D	6/13/19	6/19/19 11:33	IMR
Benzo(a)anthracene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
Benzo(a)pyrene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
Benzo(b)fluoranthene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
Benzo(g,h,i)perylene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
Benzo(k)fluoranthene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
Benzoic Acid	ND	1.1	0.63	mg/Kg dry	1	L-04	SW-846 8270D	6/13/19	6/19/19 11:33	IMR
Bis(2-chloroethoxy)methane	ND	0.36	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
Bis(2-chloroethyl)ether	ND	0.36	0.18	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
Bis(2-chloroisopropyl)ether	ND	0.36	0.25	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
Bis(2-Ethylhexyl)phthalate	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
4-Bromophenylphenylether	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
Butylbenzylphthalate	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
Carbazole	ND	0.18	0.097	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
4-Chloroaniline	ND	0.71	0.15	mg/Kg dry	1	V-34	SW-846 8270D	6/13/19	6/19/19 11:33	IMR
4-Chloro-3-methylphenol	ND	0.71	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
2-Chloronaphthalene	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
2-Chlorophenol	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
4-Chlorophenylphenylether	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
Chrysene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
Dibenz(a,h)anthracene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
Dibenzofuran	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
Di-n-butylphthalate	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
1,2-Dichlorobenzene	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
1,3-Dichlorobenzene	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
1,4-Dichlorobenzene	ND	0.36	0.097	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
3,3-Dichlorobenzidine	ND	0.18	0.14	mg/Kg dry	1	V-34	SW-846 8270D	6/13/19	6/19/19 11:33	IMR
2,4-Dichlorophenol	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
Diethylphthalate	ND	0.36	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
2,4-Dimethylphenol	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
Dimethylphthalate	ND	0.36	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
4,6-Dinitro-2-methylphenol	ND	0.36	0.32	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
2,4-Dinitrophenol	ND	0.71	0.49	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
2,4-Dinitrotoluene	ND	0.36	0.17	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
2,6-Dinitrotoluene	ND	0.36	0.17	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
Di-n-octylphthalate	ND	0.36	0.16	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
1,2-Diphenylhydrazine/Azobenzene	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
Fluoranthene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
Fluorene	ND	0.18	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-Dup | Sampled: 6/11/2019 00:00

Sample ID: 19F0630-17

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.36	0.097	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
Hexachlorobutadiene	ND	0.36	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
Hexachlorocyclopentadiene	ND	0.36	0.30	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
Hexachloroethane	ND	0.36	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
Indeno(1,2,3-cd)pyrene	ND	0.18	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
Isophorone	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
1-Methylnaphthalene	ND	0.18	0.097	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
2-Methylnaphthalene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
2-Methylphenol	ND	0.36	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
3/4-Methylphenol	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
Naphthalene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
2-Nitroaniline	ND	0.36	0.21	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
3-Nitroaniline	ND	0.36	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
4-Nitroaniline	ND	0.36	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
Nitrobenzene	ND	0.36	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
2-Nitrophenol	ND	0.36	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
4-Nitrophenol	ND	0.71	0.26	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
N-Nitrosodimethylamine	ND	0.36	0.19	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
N-Nitrosodiphenylamine/Diphenylamine	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
N-Nitrosodi-n-propylamine	ND	0.36	0.16	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
Pentachloronitrobenzene	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
Pentachlorophenol	ND	0.36	0.25	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
Phenanthrene	ND	0.18	0.097	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
Phenol	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
Pyrene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
Pyridine	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
1,2,4,5-Tetrachlorobenzene	ND	0.36	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
1,2,4-Trichlorobenzene	ND	0.36	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
2,4,5-Trichlorophenol	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
2,4,6-Trichlorophenol	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	63.4	30-130		6/19/19 11:33
Phenol-d6	66.2	30-130		6/19/19 11:33
Nitrobenzene-d5	59.7	30-130		6/19/19 11:33
2-Fluorobiphenyl	76.9	30-130		6/19/19 11:33
2,4,6-Tribromophenol	76.7	30-130		6/19/19 11:33
p-Terphenyl-d14	90.2	30-130		6/19/19 11:33

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-Dup | Sampled: 6/11/2019 00:00

Sample ID: 19F0630-17

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.086	0.039	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 22:56	AYH
Aroclor-1221 [1]	ND	0.086	0.065	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 22:56	AYH
Aroclor-1232 [1]	ND	0.086	0.078	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 22:56	AYH
Aroclor-1242 [1]	ND	0.086	0.065	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 22:56	AYH
Aroclor-1248 [1]	ND	0.086	0.030	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 22:56	AYH
Aroclor-1254 [1]	ND	0.086	0.035	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 22:56	AYH
Aroclor-1260 [1]	ND	0.086	0.048	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 22:56	AYH
Aroclor-1262 [1]	ND	0.086	0.043	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 22:56	AYH
Aroclor-1268 [1]	ND	0.086	0.069	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 22:56	AYH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	100	30-150		6/18/19 22:56
Decachlorobiphenyl [2]	102	30-150		6/18/19 22:56
Tetrachloro-m-xylene [1]	93.7	30-150		6/18/19 22:56
Tetrachloro-m-xylene [2]	90.9	30-150		6/18/19 22:56

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Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-Dup | Sampled: 6/11/2019 00:00

Sample ID: 19F0630-17

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	2.8	1.8	0.92	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:40	EJB
Barium	23	1.8	0.90	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:40	EJB
Cadmium	0.20	0.18	0.11	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:40	EJB
Chromium	7.2	0.36	0.22	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:40	EJB
Lead	6.2	0.55	0.32	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:40	EJB
Mercury	0.013	0.027	0.0080	mg/Kg dry	1	J	SW-846 7471B	6/17/19	6/18/19 11:07	AJL
Selenium	ND	3.6	3.0	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:40	EJB
Silver	ND	0.36	0.21	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:40	EJB

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Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-Dup | Sampled: 6/11/2019 00:00

Sample ID: 19F0630-17

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	91.1		% Wt	1		SM 2540G	6/13/19	6/14/19 7:45	JDN

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Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
19F0630-01 [SB-2 (0-2)]	B233260	06/13/19
19F0630-02 [SB-2 (16-18)]	B233260	06/13/19
19F0630-03 [SB-3 (0-2)]	B233260	06/13/19
19F0630-04 [SB-3 (16-18)]	B233260	06/13/19
19F0630-05 [SB-4 (0-2)]	B233260	06/13/19
19F0630-06 [SB-4 (18-20)]	B233260	06/13/19
19F0630-07 [SB-5 (0-2)]	B233260	06/13/19
19F0630-08 [SB-5 (17-19)]	B233260	06/13/19
19F0630-09 [SB-1 (0-2)]	B233260	06/13/19
19F0630-10 [SB-1 (17.5-19.5)]	B233260	06/13/19
19F0630-11 [SB-6 (0-2)]	B233260	06/13/19
19F0630-12 [SB-6 (16-18)]	B233260	06/13/19
19F0630-13 [SB-7 (0-2)]	B233260	06/13/19
19F0630-14 [SB-7 (18-20)]	B233260	06/13/19
19F0630-15 [SB-8 (0-2)]	B233260	06/13/19
19F0630-16 [SB-8 (18-20)]	B233260	06/13/19
19F0630-17 [SB-Dup]	B233260	06/13/19

Prep Method: SW-846 3050B-SW-846 6010D

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
19F0630-01 [SB-2 (0-2)]	B233505	1.49	50.0	06/17/19
19F0630-02 [SB-2 (16-18)]	B233505	1.51	50.0	06/17/19
19F0630-03 [SB-3 (0-2)]	B233505	1.54	50.0	06/17/19
19F0630-04 [SB-3 (16-18)]	B233505	1.52	50.0	06/17/19
19F0630-05 [SB-4 (0-2)]	B233505	1.55	50.0	06/17/19
19F0630-06 [SB-4 (18-20)]	B233505	1.57	50.0	06/17/19
19F0630-07 [SB-5 (0-2)]	B233505	1.51	50.0	06/17/19
19F0630-08 [SB-5 (17-19)]	B233505	1.51	50.0	06/17/19
19F0630-11 [SB-6 (0-2)]	B233505	1.52	50.0	06/17/19
19F0630-12 [SB-6 (16-18)]	B233505	1.52	50.0	06/17/19
19F0630-13 [SB-7 (0-2)]	B233505	1.51	50.0	06/17/19
19F0630-14 [SB-7 (18-20)]	B233505	1.55	50.0	06/17/19
19F0630-15 [SB-8 (0-2)]	B233505	1.48	50.0	06/17/19
19F0630-16 [SB-8 (18-20)]	B233505	1.52	50.0	06/17/19
19F0630-17 [SB-Dup]	B233505	1.51	50.0	06/17/19

Prep Method: SW-846 7471-SW-846 7471B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
19F0630-01 [SB-2 (0-2)]	B233492	0.581	50.0	06/17/19
19F0630-02 [SB-2 (16-18)]	B233492	0.582	50.0	06/17/19
19F0630-03 [SB-3 (0-2)]	B233492	0.624	50.0	06/17/19
19F0630-04 [SB-3 (16-18)]	B233492	0.586	50.0	06/17/19
19F0630-05 [SB-4 (0-2)]	B233492	0.638	50.0	06/17/19
19F0630-06 [SB-4 (18-20)]	B233492	0.636	50.0	06/17/19
19F0630-07 [SB-5 (0-2)]	B233492	0.592	50.0	06/17/19
19F0630-08 [SB-5 (17-19)]	B233492	0.621	50.0	06/17/19
19F0630-11 [SB-6 (0-2)]	B233492	0.616	50.0	06/17/19
19F0630-12 [SB-6 (16-18)]	B233492	0.619	50.0	06/17/19
19F0630-13 [SB-7 (0-2)]	B233492	0.592	50.0	06/17/19
19F0630-14 [SB-7 (18-20)]	B233492	0.635	50.0	06/17/19
19F0630-15 [SB-8 (0-2)]	B233492	0.586	50.0	06/17/19

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Sample Extraction Data

Prep Method: SW-846 7471-SW-846 7471B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
19F0630-16 [SB-8 (18-20)]	B233492	0.602	50.0	06/17/19
19F0630-17 [SB-Dup]	B233492	0.619	50.0	06/17/19

Prep Method: SW-846 3540C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
19F0630-01 [SB-2 (0-2)]	B233449	10.0	10.0	06/16/19
19F0630-02 [SB-2 (16-18)]	B233449	10.0	10.0	06/16/19
19F0630-03 [SB-3 (0-2)]	B233449	10.3	10.0	06/16/19
19F0630-04 [SB-3 (16-18)]	B233449	10.2	10.0	06/16/19
19F0630-07 [SB-5 (0-2)]	B233449	10.0	10.0	06/16/19
19F0630-08 [SB-5 (17-19)]	B233449	10.3	10.0	06/16/19
19F0630-17 [SB-Dup]	B233449	10.2	10.0	06/16/19

Prep Method: SW-846 5035-SW-846 8260C

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
19F0630-01 [SB-2 (0-2)]	B233215	4.88	10.0	06/13/19
19F0630-02 [SB-2 (16-18)]	B233215	7.97	10.0	06/13/19
19F0630-03 [SB-3 (0-2)]	B233215	9.17	10.0	06/13/19
19F0630-04 [SB-3 (16-18)]	B233215	8.03	10.0	06/13/19
19F0630-05 [SB-4 (0-2)]	B233215	6.27	10.0	06/13/19
19F0630-06 [SB-4 (18-20)]	B233215	6.23	10.0	06/13/19
19F0630-07 [SB-5 (0-2)]	B233215	6.22	10.0	06/13/19
19F0630-08 [SB-5 (17-19)]	B233215	5.60	10.0	06/13/19
19F0630-09 [SB-1 (0-2)]	B233215	5.58	10.0	06/13/19

Prep Method: SW-846 5035-SW-846 8260C

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
19F0630-10 [SB-1 (17.5-19.5)]	B233252	6.13	10.0	06/13/19
19F0630-11 [SB-6 (0-2)]	B233252	6.21	10.0	06/13/19
19F0630-12 [SB-6 (16-18)]	B233252	6.42	10.0	06/13/19
19F0630-13 [SB-7 (0-2)]	B233252	5.19	10.0	06/13/19
19F0630-14 [SB-7 (18-20)]	B233252	6.26	10.0	06/13/19
19F0630-15 [SB-8 (0-2)]	B233252	5.91	10.0	06/13/19
19F0630-16 [SB-8 (18-20)]	B233252	8.37	10.0	06/13/19
19F0630-17 [SB-Dup]	B233252	5.37	10.0	06/13/19

Prep Method: SW-846 3546-SW-846 8270D

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
19F0630-01 [SB-2 (0-2)]	B233189	30.4	1.00	06/13/19
19F0630-02 [SB-2 (16-18)]	B233189	30.5	1.00	06/13/19
19F0630-03 [SB-3 (0-2)]	B233189	30.1	1.00	06/13/19
19F0630-04 [SB-3 (16-18)]	B233189	30.0	1.00	06/13/19
19F0630-05 [SB-4 (0-2)]	B233189	30.1	1.00	06/13/19
19F0630-06 [SB-4 (18-20)]	B233189	30.1	1.00	06/13/19
19F0630-07 [SB-5 (0-2)]	B233189	30.5	1.00	06/13/19
19F0630-08 [SB-5 (17-19)]	B233189	30.1	1.00	06/13/19

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Sample Extraction Data

Prep Method: SW-846 3546-SW-846 8270D

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
19F0630-09 [SB-1 (0-2)]	B233189	30.3	1.00	06/13/19
19F0630-10 [SB-1 (17.5-19.5)]	B233189	30.2	1.00	06/13/19
19F0630-11 [SB-6 (0-2)]	B233189	30.6	1.00	06/13/19
19F0630-12 [SB-6 (16-18)]	B233189	30.5	1.00	06/13/19
19F0630-13 [SB-7 (0-2)]	B233189	30.7	1.00	06/13/19
19F0630-14 [SB-7 (18-20)]	B233189	30.2	1.00	06/13/19
19F0630-15 [SB-8 (0-2)]	B233189	30.3	1.00	06/13/19
19F0630-16 [SB-8 (18-20)]	B233189	30.2	1.00	06/13/19
19F0630-17 [SB-Dup]	B233189	30.7	1.00	06/13/19

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B233215 - SW-846 5035										
Blank (B233215-BLK1)				Prepared & Analyzed: 06/13/19						
Acetone	ND	0.10	mg/Kg wet							
Acrylonitrile	ND	0.0060	mg/Kg wet							
tert-Amyl Methyl Ether (TAME)	ND	0.0010	mg/Kg wet							
Benzene	ND	0.0020	mg/Kg wet							
Bromobenzene	ND	0.0020	mg/Kg wet							
Bromochloromethane	ND	0.0020	mg/Kg wet							
Bromodichloromethane	ND	0.0020	mg/Kg wet							
Bromoform	ND	0.0020	mg/Kg wet							
Bromomethane	ND	0.010	mg/Kg wet							V-34
2-Butanone (MEK)	ND	0.040	mg/Kg wet							
tert-Butyl Alcohol (TBA)	ND	0.040	mg/Kg wet							
n-Butylbenzene	ND	0.0020	mg/Kg wet							
sec-Butylbenzene	ND	0.0020	mg/Kg wet							
tert-Butylbenzene	ND	0.0020	mg/Kg wet							
tert-Butyl Ethyl Ether (TBEE)	ND	0.0010	mg/Kg wet							
Carbon Disulfide	ND	0.0060	mg/Kg wet							
Carbon Tetrachloride	ND	0.0020	mg/Kg wet							
Chlorobenzene	ND	0.0020	mg/Kg wet							
Chlorodibromomethane	ND	0.0010	mg/Kg wet							
Chloroethane	ND	0.020	mg/Kg wet							
Chloroform	ND	0.0040	mg/Kg wet							
Chloromethane	ND	0.010	mg/Kg wet							
2-Chlorotoluene	ND	0.0020	mg/Kg wet							
4-Chlorotoluene	ND	0.0020	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg wet							
1,2-Dibromoethane (EDB)	ND	0.0010	mg/Kg wet							
Dibromomethane	ND	0.0020	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.0020	mg/Kg wet							
trans-1,4-Dichloro-2-butene	ND	0.0040	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg wet							
1,1-Dichloroethane	ND	0.0020	mg/Kg wet							
1,2-Dichloroethane	ND	0.0020	mg/Kg wet							
1,1-Dichloroethylene	ND	0.0040	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
1,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,3-Dichloropropane	ND	0.0010	mg/Kg wet							
2,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,1-Dichloropropene	ND	0.0020	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
Diethyl Ether	ND	0.020	mg/Kg wet							
Diisopropyl Ether (DIPE)	ND	0.0010	mg/Kg wet							
1,4-Dioxane	ND	0.10	mg/Kg wet							
Ethylbenzene	ND	0.0020	mg/Kg wet							
Hexachlorobutadiene	ND	0.0020	mg/Kg wet							
2-Hexanone (MBK)	ND	0.020	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.0020	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg wet							
Methyl Acetate	ND	0.0020	mg/Kg wet							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B233215 - SW-846 5035											
Blank (B233215-BLK1)				Prepared & Analyzed: 06/13/19							
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	mg/Kg wet								
Methyl Cyclohexane	ND	0.0020	mg/Kg wet								
Methylene Chloride	ND	0.020	mg/Kg wet								
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg wet								
Naphthalene	ND	0.0040	mg/Kg wet								
n-Propylbenzene	ND	0.0020	mg/Kg wet								
Styrene	ND	0.0020	mg/Kg wet								
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg wet								
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg wet								
Tetrachloroethylene	ND	0.0020	mg/Kg wet								
Tetrahydrofuran	ND	0.010	mg/Kg wet								
Toluene	ND	0.0020	mg/Kg wet								
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg wet								
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet								
1,3,5-Trichlorobenzene	ND	0.0020	mg/Kg wet								
1,1,1-Trichloroethane	ND	0.0020	mg/Kg wet								
1,1,2-Trichloroethane	ND	0.0020	mg/Kg wet								
Trichloroethylene	ND	0.0020	mg/Kg wet								
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg wet								
1,2,3-Trichloropropane	ND	0.0020	mg/Kg wet								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg wet								
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg wet								
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg wet								
Vinyl Chloride	ND	0.010	mg/Kg wet								
m+p Xylene	ND	0.0040	mg/Kg wet								
o-Xylene	ND	0.0020	mg/Kg wet								
Surrogate: 1,2-Dichloroethane-d4	*0.0492*		mg/Kg wet	0.0500		98.3	70-130				
Surrogate: Toluene-d8	*0.0488*		mg/Kg wet	0.0500		97.6	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0506*		mg/Kg wet	0.0500		101	70-130				
LCS (B233215-BS1)				Prepared & Analyzed: 06/13/19							
Acetone	0.210	0.10	mg/Kg wet	0.200		105	70-160			V-35	†
Acrylonitrile	0.0207	0.0060	mg/Kg wet	0.0200		104	70-130				
tert-Amyl Methyl Ether (TAME)	0.0227	0.0010	mg/Kg wet	0.0200		114	70-130				
Benzene	0.0191	0.0020	mg/Kg wet	0.0200		95.5	70-130				
Bromobenzene	0.0200	0.0020	mg/Kg wet	0.0200		100	70-130				
Bromochloromethane	0.0211	0.0020	mg/Kg wet	0.0200		106	70-130				
Bromodichloromethane	0.0217	0.0020	mg/Kg wet	0.0200		108	70-130				
Bromoform	0.0192	0.0020	mg/Kg wet	0.0200		96.2	70-130				
Bromomethane	0.0138	0.010	mg/Kg wet	0.0200		68.8	40-130			V-34	†
2-Butanone (MEK)	0.204	0.040	mg/Kg wet	0.200		102	70-160				†
tert-Butyl Alcohol (TBA)	0.217	0.040	mg/Kg wet	0.200		109	40-130				†
n-Butylbenzene	0.0184	0.0020	mg/Kg wet	0.0200		92.2	70-130				
sec-Butylbenzene	0.0200	0.0020	mg/Kg wet	0.0200		100	70-130				
tert-Butylbenzene	0.0189	0.0020	mg/Kg wet	0.0200		94.3	70-160				†
tert-Butyl Ethyl Ether (TBEE)	0.0203	0.0010	mg/Kg wet	0.0200		102	70-130				
Carbon Disulfide	0.0211	0.0060	mg/Kg wet	0.0200		106	70-130				
Carbon Tetrachloride	0.0195	0.0020	mg/Kg wet	0.0200		97.4	70-130				
Chlorobenzene	0.0193	0.0020	mg/Kg wet	0.0200		96.6	70-130				
Chlorodibromomethane	0.0192	0.0010	mg/Kg wet	0.0200		96.1	70-130				
Chloroethane	0.0187	0.020	mg/Kg wet	0.0200		93.4	70-130			J	
Chloroform	0.0190	0.0040	mg/Kg wet	0.0200		94.9	70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B233215 - SW-846 5035											
LCS (B233215-BS1)				Prepared & Analyzed: 06/13/19							
Chloromethane	0.0168	0.010	mg/Kg wet	0.0200		84.1	70-130				
2-Chlorotoluene	0.0194	0.0020	mg/Kg wet	0.0200		97.1	70-130				
4-Chlorotoluene	0.0199	0.0020	mg/Kg wet	0.0200		99.6	70-130				
1,2-Dibromo-3-chloropropane (DBCP)	0.0194	0.0020	mg/Kg wet	0.0200		96.9	70-130				
1,2-Dibromoethane (EDB)	0.0212	0.0010	mg/Kg wet	0.0200		106	70-130				
Dibromomethane	0.0215	0.0020	mg/Kg wet	0.0200		108	70-130				
1,2-Dichlorobenzene	0.0199	0.0020	mg/Kg wet	0.0200		99.5	70-130				
1,3-Dichlorobenzene	0.0194	0.0020	mg/Kg wet	0.0200		97.2	70-130				
1,4-Dichlorobenzene	0.0185	0.0020	mg/Kg wet	0.0200		92.7	70-130				
trans-1,4-Dichloro-2-butene	0.0198	0.0040	mg/Kg wet	0.0200		99.0	70-130				
Dichlorodifluoromethane (Freon 12)	0.0190	0.020	mg/Kg wet	0.0200		94.8	40-160			J	†
1,1-Dichloroethane	0.0209	0.0020	mg/Kg wet	0.0200		104	70-130				
1,2-Dichloroethane	0.0200	0.0020	mg/Kg wet	0.0200		99.9	70-130				
1,1-Dichloroethylene	0.0195	0.0040	mg/Kg wet	0.0200		97.4	70-130				
cis-1,2-Dichloroethylene	0.0204	0.0020	mg/Kg wet	0.0200		102	70-130				
trans-1,2-Dichloroethylene	0.0193	0.0020	mg/Kg wet	0.0200		96.4	70-130				
1,2-Dichloropropane	0.0205	0.0020	mg/Kg wet	0.0200		102	70-130				
1,3-Dichloropropane	0.0202	0.0010	mg/Kg wet	0.0200		101	70-130				
2,2-Dichloropropane	0.0192	0.0020	mg/Kg wet	0.0200		96.0	70-130				
1,1-Dichloropropene	0.0174	0.0020	mg/Kg wet	0.0200		87.0	70-130				
cis-1,3-Dichloropropene	0.0209	0.0010	mg/Kg wet	0.0200		104	70-130				
trans-1,3-Dichloropropene	0.0198	0.0010	mg/Kg wet	0.0200		99.2	70-130				
Diethyl Ether	0.0200	0.020	mg/Kg wet	0.0200		99.8	70-130			J	
Diisopropyl Ether (DIPE)	0.0204	0.0010	mg/Kg wet	0.0200		102	70-130				
1,4-Dioxane	0.210	0.10	mg/Kg wet	0.200		105	40-160				†
Ethylbenzene	0.0192	0.0020	mg/Kg wet	0.0200		96.2	70-130				
Hexachlorobutadiene	0.0215	0.0020	mg/Kg wet	0.0200		107	70-160				
2-Hexanone (MBK)	0.209	0.020	mg/Kg wet	0.200		104	70-160				†
Isopropylbenzene (Cumene)	0.0199	0.0020	mg/Kg wet	0.0200		99.7	70-130				
p-Isopropyltoluene (p-Cymene)	0.0192	0.0020	mg/Kg wet	0.0200		95.9	70-130				
Methyl Acetate	0.0217	0.0020	mg/Kg wet	0.0200		108	70-130				
Methyl tert-Butyl Ether (MTBE)	0.0216	0.0040	mg/Kg wet	0.0200		108	70-130				
Methyl Cyclohexane	0.0202	0.0020	mg/Kg wet	0.0200		101	70-130				
Methylene Chloride	0.0191	0.020	mg/Kg wet	0.0200		95.6	40-160			J	†
4-Methyl-2-pentanone (MIBK)	0.205	0.020	mg/Kg wet	0.200		103	70-160				†
Naphthalene	0.0174	0.0040	mg/Kg wet	0.0200		87.0	40-130				†
n-Propylbenzene	0.0198	0.0020	mg/Kg wet	0.0200		98.8	70-130				
Styrene	0.0206	0.0020	mg/Kg wet	0.0200		103	70-130				
1,1,1,2-Tetrachloroethane	0.0226	0.0020	mg/Kg wet	0.0200		113	70-130				
1,1,2,2-Tetrachloroethane	0.0218	0.0010	mg/Kg wet	0.0200		109	70-130				
Tetrachloroethylene	0.0209	0.0020	mg/Kg wet	0.0200		105	70-130				
Tetrahydrofuran	0.0225	0.010	mg/Kg wet	0.0200		113	70-130				
Toluene	0.0190	0.0020	mg/Kg wet	0.0200		95.0	70-130				
1,2,3-Trichlorobenzene	0.0213	0.0020	mg/Kg wet	0.0200		106	70-130				
1,2,4-Trichlorobenzene	0.0192	0.0020	mg/Kg wet	0.0200		96.1	70-130				
1,3,5-Trichlorobenzene	0.0196	0.0020	mg/Kg wet	0.0200		98.0	70-130				
1,1,1-Trichloroethane	0.0197	0.0020	mg/Kg wet	0.0200		98.4	70-130				
1,1,2-Trichloroethane	0.0197	0.0020	mg/Kg wet	0.0200		98.6	70-130				
Trichloroethylene	0.0202	0.0020	mg/Kg wet	0.0200		101	70-130				
Trichlorofluoromethane (Freon 11)	0.0189	0.010	mg/Kg wet	0.0200		94.5	70-130				
1,2,3-Trichloropropane	0.0188	0.0020	mg/Kg wet	0.0200		93.9	70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B233215 - SW-846 5035											
LCS (B233215-BS1)				Prepared & Analyzed: 06/13/19							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0214	0.010	mg/Kg wet	0.0200		107	70-130				
1,2,4-Trimethylbenzene	0.0183	0.0020	mg/Kg wet	0.0200		91.4	70-130				
1,3,5-Trimethylbenzene	0.0200	0.0020	mg/Kg wet	0.0200		100	70-130				
Vinyl Chloride	0.0174	0.010	mg/Kg wet	0.0200		86.8	40-130				†
m+p Xylene	0.0384	0.0040	mg/Kg wet	0.0400		96.1	70-130				
o-Xylene	0.0200	0.0020	mg/Kg wet	0.0200		100	70-130				
Surrogate: 1,2-Dichloroethane-d4	*0.0497*		mg/Kg wet	0.0500		99.3	70-130				
Surrogate: Toluene-d8	*0.0501*		mg/Kg wet	0.0500		100	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0520*		mg/Kg wet	0.0500		104	70-130				
LCS Dup (B233215-BSD1)				Prepared & Analyzed: 06/13/19							
Acetone	0.216	0.10	mg/Kg wet	0.200		108	70-160	2.85	25	V-35	†
Acrylonitrile	0.0200	0.0060	mg/Kg wet	0.0200		99.8	70-130	3.83	25		
tert-Amyl Methyl Ether (TAME)	0.0219	0.0010	mg/Kg wet	0.0200		110	70-130	3.68	25		
Benzene	0.0193	0.0020	mg/Kg wet	0.0200		96.4	70-130	0.938	25		
Bromobenzene	0.0192	0.0020	mg/Kg wet	0.0200		95.9	70-130	4.19	25		
Bromochloromethane	0.0203	0.0020	mg/Kg wet	0.0200		102	70-130	3.86	25		
Bromodichloromethane	0.0210	0.0020	mg/Kg wet	0.0200		105	70-130	3.00	25		
Bromoform	0.0191	0.0020	mg/Kg wet	0.0200		95.5	70-130	0.730	25		
Bromomethane	0.0144	0.010	mg/Kg wet	0.0200		71.9	40-130	4.41	25	V-34	†
2-Butanone (MEK)	0.205	0.040	mg/Kg wet	0.200		103	70-160	0.342	25		†
tert-Butyl Alcohol (TBA)	0.220	0.040	mg/Kg wet	0.200		110	40-130	1.31	25		†
n-Butylbenzene	0.0194	0.0020	mg/Kg wet	0.0200		97.0	70-130	5.07	25		
sec-Butylbenzene	0.0208	0.0020	mg/Kg wet	0.0200		104	70-130	4.11	25		
tert-Butylbenzene	0.0200	0.0020	mg/Kg wet	0.0200		100	70-160	5.97	25		†
tert-Butyl Ethyl Ether (TBEE)	0.0200	0.0010	mg/Kg wet	0.0200		100	70-130	1.59	25		
Carbon Disulfide	0.0207	0.0060	mg/Kg wet	0.0200		103	70-130	2.11	25		
Carbon Tetrachloride	0.0197	0.0020	mg/Kg wet	0.0200		98.5	70-130	1.12	25		
Chlorobenzene	0.0198	0.0020	mg/Kg wet	0.0200		98.9	70-130	2.35	25		
Chlorodibromomethane	0.0203	0.0010	mg/Kg wet	0.0200		102	70-130	5.66	25		
Chloroethane	0.0195	0.020	mg/Kg wet	0.0200		97.6	70-130	4.40	25	J	
Chloroform	0.0189	0.0040	mg/Kg wet	0.0200		94.4	70-130	0.528	25		
Chloromethane	0.0170	0.010	mg/Kg wet	0.0200		84.8	70-130	0.829	25		
2-Chlorotoluene	0.0197	0.0020	mg/Kg wet	0.0200		98.7	70-130	1.63	25		
4-Chlorotoluene	0.0196	0.0020	mg/Kg wet	0.0200		98.1	70-130	1.52	25		
1,2-Dibromo-3-chloropropane (DBCP)	0.0192	0.0020	mg/Kg wet	0.0200		96.2	70-130	0.725	25		
1,2-Dibromoethane (EDB)	0.0213	0.0010	mg/Kg wet	0.0200		106	70-130	0.188	25		
Dibromomethane	0.0202	0.0020	mg/Kg wet	0.0200		101	70-130	6.32	25		
1,2-Dichlorobenzene	0.0201	0.0020	mg/Kg wet	0.0200		101	70-130	1.10	25		
1,3-Dichlorobenzene	0.0199	0.0020	mg/Kg wet	0.0200		99.3	70-130	2.14	25		
1,4-Dichlorobenzene	0.0192	0.0020	mg/Kg wet	0.0200		95.8	70-130	3.29	25		
trans-1,4-Dichloro-2-butene	0.0191	0.0040	mg/Kg wet	0.0200		95.3	70-130	3.81	25		
Dichlorodifluoromethane (Freon 12)	0.0185	0.020	mg/Kg wet	0.0200		92.7	40-160	2.24	25	J	†
1,1-Dichloroethane	0.0207	0.0020	mg/Kg wet	0.0200		103	70-130	1.15	25		
1,2-Dichloroethane	0.0201	0.0020	mg/Kg wet	0.0200		101	70-130	0.698	25		
1,1-Dichloroethylene	0.0197	0.0040	mg/Kg wet	0.0200		98.7	70-130	1.33	25		
cis-1,2-Dichloroethylene	0.0202	0.0020	mg/Kg wet	0.0200		101	70-130	0.789	25		
trans-1,2-Dichloroethylene	0.0204	0.0020	mg/Kg wet	0.0200		102	70-130	5.74	25		
1,2-Dichloropropane	0.0206	0.0020	mg/Kg wet	0.0200		103	70-130	0.682	25		
1,3-Dichloropropane	0.0201	0.0010	mg/Kg wet	0.0200		101	70-130	0.396	25		
2,2-Dichloropropane	0.0180	0.0020	mg/Kg wet	0.0200		90.2	70-130	6.23	25		
1,1-Dichloropropene	0.0185	0.0020	mg/Kg wet	0.0200		92.3	70-130	5.91	25		

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B233215 - SW-846 5035											
LCS Dup (B233215-BSD1)				Prepared & Analyzed: 06/13/19							
cis-1,3-Dichloropropene	0.0219	0.0010	mg/Kg wet	0.0200		110	70-130	4.95	25		
trans-1,3-Dichloropropene	0.0199	0.0010	mg/Kg wet	0.0200		99.7	70-130	0.503	25		
Diethyl Ether	0.0201	0.020	mg/Kg wet	0.0200		100	70-130	0.599	25		
Diisopropyl Ether (DIPE)	0.0203	0.0010	mg/Kg wet	0.0200		102	70-130	0.0983	25		
1,4-Dioxane	0.202	0.10	mg/Kg wet	0.200		101	40-160	3.97	50		† ‡
Ethylbenzene	0.0192	0.0020	mg/Kg wet	0.0200		95.9	70-130	0.312	25		
Hexachlorobutadiene	0.0214	0.0020	mg/Kg wet	0.0200		107	70-160	0.0932	25		
2-Hexanone (MBK)	0.207	0.020	mg/Kg wet	0.200		103	70-160	0.971	25		†
Isopropylbenzene (Cumene)	0.0197	0.0020	mg/Kg wet	0.0200		98.3	70-130	1.41	25		
p-Isopropyltoluene (p-Cymene)	0.0198	0.0020	mg/Kg wet	0.0200		98.8	70-130	2.98	25		
Methyl Acetate	0.0213	0.0020	mg/Kg wet	0.0200		106	70-130	1.96	25		
Methyl tert-Butyl Ether (MTBE)	0.0212	0.0040	mg/Kg wet	0.0200		106	70-130	1.59	25		
Methyl Cyclohexane	0.0215	0.0020	mg/Kg wet	0.0200		108	70-130	6.33	25		
Methylene Chloride	0.0189	0.020	mg/Kg wet	0.0200		94.6	40-160	1.05	25	J	†
4-Methyl-2-pentanone (MIBK)	0.206	0.020	mg/Kg wet	0.200		103	70-160	0.506	25		†
Naphthalene	0.0169	0.0040	mg/Kg wet	0.0200		84.4	40-130	3.03	25		†
n-Propylbenzene	0.0196	0.0020	mg/Kg wet	0.0200		98.1	70-130	0.711	25		
Styrene	0.0195	0.0020	mg/Kg wet	0.0200		97.4	70-130	5.39	25		
1,1,1,2-Tetrachloroethane	0.0213	0.0020	mg/Kg wet	0.0200		107	70-130	5.82	25		
1,1,2,2-Tetrachloroethane	0.0201	0.0010	mg/Kg wet	0.0200		101	70-130	7.92	25		
Tetrachloroethylene	0.0217	0.0020	mg/Kg wet	0.0200		109	70-130	3.75	25		
Tetrahydrofuran	0.0177	0.010	mg/Kg wet	0.0200		88.3	70-130	24.2	25		
Toluene	0.0190	0.0020	mg/Kg wet	0.0200		95.2	70-130	0.210	25		
1,2,3-Trichlorobenzene	0.0213	0.0020	mg/Kg wet	0.0200		107	70-130	0.0939	25		
1,2,4-Trichlorobenzene	0.0195	0.0020	mg/Kg wet	0.0200		97.5	70-130	1.45	25		
1,3,5-Trichlorobenzene	0.0188	0.0020	mg/Kg wet	0.0200		93.8	70-130	4.38	25		
1,1,1-Trichloroethane	0.0189	0.0020	mg/Kg wet	0.0200		94.7	70-130	3.83	25		
1,1,2-Trichloroethane	0.0205	0.0020	mg/Kg wet	0.0200		102	70-130	3.78	25		
Trichloroethylene	0.0202	0.0020	mg/Kg wet	0.0200		101	70-130	0.198	25		
Trichlorofluoromethane (Freon 11)	0.0187	0.010	mg/Kg wet	0.0200		93.5	70-130	1.06	25		
1,2,3-Trichloropropane	0.0194	0.0020	mg/Kg wet	0.0200		97.0	70-130	3.25	25		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0212	0.010	mg/Kg wet	0.0200		106	70-130	0.657	25		
1,2,4-Trimethylbenzene	0.0190	0.0020	mg/Kg wet	0.0200		95.0	70-130	3.86	25		
1,3,5-Trimethylbenzene	0.0199	0.0020	mg/Kg wet	0.0200		99.6	70-130	0.401	25		
Vinyl Chloride	0.0169	0.010	mg/Kg wet	0.0200		84.4	40-130	2.80	25		†
m+p Xylene	0.0386	0.0040	mg/Kg wet	0.0400		96.4	70-130	0.364	25		
o-Xylene	0.0194	0.0020	mg/Kg wet	0.0200		96.9	70-130	3.15	25		
Surrogate: 1,2-Dichloroethane-d4	*0.0477*		mg/Kg wet	0.0500		95.3	70-130				
Surrogate: Toluene-d8	*0.0501*		mg/Kg wet	0.0500		100	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0490*		mg/Kg wet	0.0500		98.0	70-130				
Batch B233252 - SW-846 5035											
Blank (B233252-BLK1)				Prepared & Analyzed: 06/13/19							
Acetone	ND	0.10	mg/Kg wet								
Acrylonitrile	ND	0.0060	mg/Kg wet								
tert-Amyl Methyl Ether (TAME)	ND	0.0010	mg/Kg wet								
Benzene	ND	0.0020	mg/Kg wet								
Bromobenzene	ND	0.0020	mg/Kg wet								
Bromochloromethane	ND	0.0020	mg/Kg wet								
Bromodichloromethane	ND	0.0020	mg/Kg wet								
Bromoform	ND	0.0020	mg/Kg wet								

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B233252 - SW-846 5035										
Blank (B233252-BLK1)				Prepared & Analyzed: 06/13/19						
Bromomethane	ND	0.010	mg/Kg wet							V-34
2-Butanone (MEK)	ND	0.040	mg/Kg wet							
tert-Butyl Alcohol (TBA)	ND	0.040	mg/Kg wet							
n-Butylbenzene	ND	0.0020	mg/Kg wet							
sec-Butylbenzene	ND	0.0020	mg/Kg wet							
tert-Butylbenzene	ND	0.0020	mg/Kg wet							
tert-Butyl Ethyl Ether (TBEE)	ND	0.0010	mg/Kg wet							
Carbon Disulfide	ND	0.0060	mg/Kg wet							
Carbon Tetrachloride	ND	0.0020	mg/Kg wet							
Chlorobenzene	ND	0.0020	mg/Kg wet							
Chlorodibromomethane	ND	0.0010	mg/Kg wet							
Chloroethane	ND	0.020	mg/Kg wet							
Chloroform	ND	0.0040	mg/Kg wet							
Chloromethane	ND	0.010	mg/Kg wet							
2-Chlorotoluene	ND	0.0020	mg/Kg wet							
4-Chlorotoluene	ND	0.0020	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg wet							
1,2-Dibromoethane (EDB)	ND	0.0010	mg/Kg wet							
Dibromomethane	ND	0.0020	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.0020	mg/Kg wet							
trans-1,4-Dichloro-2-butene	ND	0.0040	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg wet							
1,1-Dichloroethane	ND	0.0020	mg/Kg wet							
1,2-Dichloroethane	ND	0.0020	mg/Kg wet							
1,1-Dichloroethylene	ND	0.0040	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
1,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,3-Dichloropropane	ND	0.0010	mg/Kg wet							
2,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,1-Dichloropropene	ND	0.0020	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
Diethyl Ether	ND	0.020	mg/Kg wet							
Diisopropyl Ether (DIPE)	ND	0.0010	mg/Kg wet							
1,4-Dioxane	ND	0.10	mg/Kg wet							
Ethylbenzene	ND	0.0020	mg/Kg wet							
Hexachlorobutadiene	ND	0.0020	mg/Kg wet							
2-Hexanone (MBK)	ND	0.020	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.0020	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg wet							
Methyl Acetate	ND	0.0020	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	mg/Kg wet							
Methyl Cyclohexane	ND	0.0020	mg/Kg wet							
Methylene Chloride	ND	0.020	mg/Kg wet							
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg wet							
Naphthalene	ND	0.0040	mg/Kg wet							
n-Propylbenzene	ND	0.0020	mg/Kg wet							
Styrene	ND	0.0020	mg/Kg wet							
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg wet							

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QUALITY CONTROL

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B233252 - SW-846 5035											
Blank (B233252-BLK1)				Prepared & Analyzed: 06/13/19							
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg wet								
Tetrachloroethylene	ND	0.0020	mg/Kg wet								
Tetrahydrofuran	ND	0.010	mg/Kg wet								
Toluene	ND	0.0020	mg/Kg wet								
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg wet								
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet								
1,3,5-Trichlorobenzene	ND	0.0020	mg/Kg wet								
1,1,1-Trichloroethane	ND	0.0020	mg/Kg wet								
1,1,2-Trichloroethane	ND	0.0020	mg/Kg wet								
Trichloroethylene	ND	0.0020	mg/Kg wet								
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg wet								
1,2,3-Trichloropropane	ND	0.0020	mg/Kg wet								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg wet								
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg wet								
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg wet								
Vinyl Chloride	ND	0.010	mg/Kg wet								
m+p Xylene	ND	0.0040	mg/Kg wet								
o-Xylene	ND	0.0020	mg/Kg wet								
Surrogate: 1,2-Dichloroethane-d4	*0.0482*		mg/Kg wet	0.0500		96.4	70-130				
Surrogate: Toluene-d8	*0.0490*		mg/Kg wet	0.0500		98.0	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0501*		mg/Kg wet	0.0500		100	70-130				
LCS (B233252-BS1)				Prepared & Analyzed: 06/13/19							
Acetone	0.225	0.10	mg/Kg wet	0.200		113	70-160			V-35	†
Acrylonitrile	0.0196	0.0060	mg/Kg wet	0.0200		97.9	70-130				
tert-Amyl Methyl Ether (TAME)	0.0207	0.0010	mg/Kg wet	0.0200		104	70-130				
Benzene	0.0185	0.0020	mg/Kg wet	0.0200		92.5	70-130				
Bromobenzene	0.0181	0.0020	mg/Kg wet	0.0200		90.4	70-130				
Bromochloromethane	0.0203	0.0020	mg/Kg wet	0.0200		101	70-130				
Bromodichloromethane	0.0213	0.0020	mg/Kg wet	0.0200		106	70-130				
Bromoform	0.0187	0.0020	mg/Kg wet	0.0200		93.4	70-130				
Bromomethane	0.0142	0.010	mg/Kg wet	0.0200		71.1	40-130			V-34	†
2-Butanone (MEK)	0.207	0.040	mg/Kg wet	0.200		104	70-160				†
tert-Butyl Alcohol (TBA)	0.230	0.040	mg/Kg wet	0.200		115	40-130			V-20	†
n-Butylbenzene	0.0182	0.0020	mg/Kg wet	0.0200		90.8	70-130				
sec-Butylbenzene	0.0195	0.0020	mg/Kg wet	0.0200		97.7	70-130				
tert-Butylbenzene	0.0186	0.0020	mg/Kg wet	0.0200		93.0	70-160				†
tert-Butyl Ethyl Ether (TBEE)	0.0187	0.0010	mg/Kg wet	0.0200		93.4	70-130				
Carbon Disulfide	0.0189	0.0060	mg/Kg wet	0.0200		94.5	70-130				
Carbon Tetrachloride	0.0193	0.0020	mg/Kg wet	0.0200		96.7	70-130				
Chlorobenzene	0.0187	0.0020	mg/Kg wet	0.0200		93.3	70-130				
Chlorodibromomethane	0.0196	0.0010	mg/Kg wet	0.0200		98.2	70-130				
Chloroethane	0.0184	0.020	mg/Kg wet	0.0200		91.8	70-130			J	
Chloroform	0.0187	0.0040	mg/Kg wet	0.0200		93.3	70-130				
Chloromethane	0.0154	0.010	mg/Kg wet	0.0200		77.0	70-130				
2-Chlorotoluene	0.0195	0.0020	mg/Kg wet	0.0200		97.7	70-130				
4-Chlorotoluene	0.0186	0.0020	mg/Kg wet	0.0200		93.1	70-130				
1,2-Dibromo-3-chloropropane (DBCP)	0.0190	0.0020	mg/Kg wet	0.0200		95.1	70-130				
1,2-Dibromoethane (EDB)	0.0206	0.0010	mg/Kg wet	0.0200		103	70-130				
Dibromomethane	0.0188	0.0020	mg/Kg wet	0.0200		93.8	70-130				
1,2-Dichlorobenzene	0.0191	0.0020	mg/Kg wet	0.0200		95.7	70-130				
1,3-Dichlorobenzene	0.0194	0.0020	mg/Kg wet	0.0200		96.8	70-130				

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QUALITY CONTROL

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B233252 - SW-846 5035											
LCS (B233252-BS1)				Prepared & Analyzed: 06/13/19							
1,4-Dichlorobenzene	0.0186	0.0020	mg/Kg wet	0.0200		93.0	70-130				
trans-1,4-Dichloro-2-butene	0.0198	0.0040	mg/Kg wet	0.0200		99.2	70-130				
Dichlorodifluoromethane (Freon 12)	0.0145	0.020	mg/Kg wet	0.0200		72.5	40-160			J	†
1,1-Dichloroethane	0.0198	0.0020	mg/Kg wet	0.0200		98.9	70-130				
1,2-Dichloroethane	0.0192	0.0020	mg/Kg wet	0.0200		96.1	70-130				
1,1-Dichloroethylene	0.0184	0.0040	mg/Kg wet	0.0200		92.0	70-130				
cis-1,2-Dichloroethylene	0.0199	0.0020	mg/Kg wet	0.0200		99.7	70-130				
trans-1,2-Dichloroethylene	0.0188	0.0020	mg/Kg wet	0.0200		94.1	70-130				
1,2-Dichloropropane	0.0200	0.0020	mg/Kg wet	0.0200		99.8	70-130				
1,3-Dichloropropane	0.0187	0.0010	mg/Kg wet	0.0200		93.7	70-130				
2,2-Dichloropropane	0.0177	0.0020	mg/Kg wet	0.0200		88.7	70-130				
1,1-Dichloropropene	0.0181	0.0020	mg/Kg wet	0.0200		90.5	70-130				
cis-1,3-Dichloropropene	0.0207	0.0010	mg/Kg wet	0.0200		104	70-130				
trans-1,3-Dichloropropene	0.0192	0.0010	mg/Kg wet	0.0200		96.1	70-130				
Diethyl Ether	0.0200	0.020	mg/Kg wet	0.0200		100	70-130				
Diisopropyl Ether (DIPE)	0.0197	0.0010	mg/Kg wet	0.0200		98.4	70-130				
1,4-Dioxane	0.204	0.10	mg/Kg wet	0.200		102	40-160				†
Ethylbenzene	0.0188	0.0020	mg/Kg wet	0.0200		94.0	70-130				
Hexachlorobutadiene	0.0194	0.0020	mg/Kg wet	0.0200		97.1	70-160				
2-Hexanone (MBK)	0.201	0.020	mg/Kg wet	0.200		100	70-160				†
Isopropylbenzene (Cumene)	0.0178	0.0020	mg/Kg wet	0.0200		89.0	70-130				
p-Isopropyltoluene (p-Cymene)	0.0184	0.0020	mg/Kg wet	0.0200		92.1	70-130				
Methyl Acetate	0.0208	0.0020	mg/Kg wet	0.0200		104	70-130				
Methyl tert-Butyl Ether (MTBE)	0.0202	0.0040	mg/Kg wet	0.0200		101	70-130				
Methyl Cyclohexane	0.0194	0.0020	mg/Kg wet	0.0200		97.0	70-130				
Methylene Chloride	0.0191	0.020	mg/Kg wet	0.0200		95.5	40-160			J	†
4-Methyl-2-pentanone (MIBK)	0.204	0.020	mg/Kg wet	0.200		102	70-160				†
Naphthalene	0.0173	0.0040	mg/Kg wet	0.0200		86.5	40-130				†
n-Propylbenzene	0.0190	0.0020	mg/Kg wet	0.0200		94.8	70-130				
Styrene	0.0193	0.0020	mg/Kg wet	0.0200		96.5	70-130				
1,1,1,2-Tetrachloroethane	0.0207	0.0020	mg/Kg wet	0.0200		104	70-130				
1,1,2,2-Tetrachloroethane	0.0202	0.0010	mg/Kg wet	0.0200		101	70-130				
Tetrachloroethylene	0.0206	0.0020	mg/Kg wet	0.0200		103	70-130				
Tetrahydrofuran	0.0180	0.010	mg/Kg wet	0.0200		89.9	70-130				
Toluene	0.0183	0.0020	mg/Kg wet	0.0200		91.5	70-130				
1,2,3-Trichlorobenzene	0.0188	0.0020	mg/Kg wet	0.0200		94.1	70-130				
1,2,4-Trichlorobenzene	0.0183	0.0020	mg/Kg wet	0.0200		91.3	70-130				
1,3,5-Trichlorobenzene	0.0188	0.0020	mg/Kg wet	0.0200		93.9	70-130				
1,1,1-Trichloroethane	0.0186	0.0020	mg/Kg wet	0.0200		92.8	70-130				
1,1,2-Trichloroethane	0.0202	0.0020	mg/Kg wet	0.0200		101	70-130				
Trichloroethylene	0.0192	0.0020	mg/Kg wet	0.0200		95.8	70-130				
Trichlorofluoromethane (Freon 11)	0.0168	0.010	mg/Kg wet	0.0200		84.0	70-130				
1,2,3-Trichloropropane	0.0192	0.0020	mg/Kg wet	0.0200		96.1	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0204	0.010	mg/Kg wet	0.0200		102	70-130				
1,2,4-Trimethylbenzene	0.0183	0.0020	mg/Kg wet	0.0200		91.7	70-130				
1,3,5-Trimethylbenzene	0.0185	0.0020	mg/Kg wet	0.0200		92.6	70-130				
Vinyl Chloride	0.0151	0.010	mg/Kg wet	0.0200		75.4	40-130				†
m+p Xylene	0.0374	0.0040	mg/Kg wet	0.0400		93.5	70-130				
o-Xylene	0.0186	0.0020	mg/Kg wet	0.0200		92.8	70-130				
Surrogate: 1,2-Dichloroethane-d4	*0.0484*		mg/Kg wet	0.0500		96.8	70-130				
Surrogate: Toluene-d8	*0.0494*		mg/Kg wet	0.0500		98.9	70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B233252 - SW-846 5035												
LCS (B233252-BS1)				Prepared & Analyzed: 06/13/19								
Surrogate: 4-Bromofluorobenzene	*0.0497*		mg/Kg wet	0.0500		99.4		70-130				
LCS Dup (B233252-BSD1)				Prepared & Analyzed: 06/13/19								
Acetone	0.203	0.10	mg/Kg wet	0.200		102		70-160	10.4	25	V-35	†
Acrylonitrile	0.0188	0.0060	mg/Kg wet	0.0200		94.0		70-130	4.06	25		
tert-Amyl Methyl Ether (TAME)	0.0201	0.0010	mg/Kg wet	0.0200		100		70-130	3.14	25		
Benzene	0.0185	0.0020	mg/Kg wet	0.0200		92.3		70-130	0.216	25		
Bromobenzene	0.0184	0.0020	mg/Kg wet	0.0200		92.0		70-130	1.75	25		
Bromochloromethane	0.0194	0.0020	mg/Kg wet	0.0200		97.0		70-130	4.44	25		
Bromodichloromethane	0.0208	0.0020	mg/Kg wet	0.0200		104		70-130	2.19	25		
Bromoform	0.0174	0.0020	mg/Kg wet	0.0200		87.2		70-130	6.87	25		
Bromomethane	0.0145	0.010	mg/Kg wet	0.0200		72.5		40-130	1.95	25	V-34	†
2-Butanone (MEK)	0.199	0.040	mg/Kg wet	0.200		99.5		70-160	3.99	25		†
tert-Butyl Alcohol (TBA)	0.265	0.040	mg/Kg wet	0.200		**133**	*	40-130	14.1	25	L-07, V-20	†
n-Butylbenzene	0.0172	0.0020	mg/Kg wet	0.0200		85.9		70-130	5.55	25		
sec-Butylbenzene	0.0190	0.0020	mg/Kg wet	0.0200		94.9		70-130	2.91	25		
tert-Butylbenzene	0.0179	0.0020	mg/Kg wet	0.0200		89.4		70-160	3.95	25		†
tert-Butyl Ethyl Ether (TBEE)	0.0182	0.0010	mg/Kg wet	0.0200		90.9		70-130	2.71	25		
Carbon Disulfide	0.0182	0.0060	mg/Kg wet	0.0200		91.0		70-130	3.77	25		
Carbon Tetrachloride	0.0180	0.0020	mg/Kg wet	0.0200		90.0		70-130	7.18	25		
Chlorobenzene	0.0181	0.0020	mg/Kg wet	0.0200		90.5		70-130	3.05	25		
Chlorodibromomethane	0.0193	0.0010	mg/Kg wet	0.0200		96.4		70-130	1.85	25		
Chloroethane	0.0169	0.020	mg/Kg wet	0.0200		84.7		70-130	8.05	25	J	
Chloroform	0.0175	0.0040	mg/Kg wet	0.0200		87.4		70-130	6.53	25		
Chloromethane	0.0142	0.010	mg/Kg wet	0.0200		70.8		70-130	8.39	25		
2-Chlorotoluene	0.0182	0.0020	mg/Kg wet	0.0200		91.0		70-130	7.10	25		
4-Chlorotoluene	0.0183	0.0020	mg/Kg wet	0.0200		91.5		70-130	1.73	25		
1,2-Dibromo-3-chloropropane (DBCP)	0.0187	0.0020	mg/Kg wet	0.0200		93.7		70-130	1.48	25		
1,2-Dibromoethane (EDB)	0.0202	0.0010	mg/Kg wet	0.0200		101		70-130	1.76	25		
Dibromomethane	0.0191	0.0020	mg/Kg wet	0.0200		95.7		70-130	2.01	25		
1,2-Dichlorobenzene	0.0176	0.0020	mg/Kg wet	0.0200		88.1		70-130	8.27	25		
1,3-Dichlorobenzene	0.0182	0.0020	mg/Kg wet	0.0200		91.2		70-130	5.96	25		
1,4-Dichlorobenzene	0.0175	0.0020	mg/Kg wet	0.0200		87.3		70-130	6.32	25		
trans-1,4-Dichloro-2-butene	0.0179	0.0040	mg/Kg wet	0.0200		89.5		70-130	10.3	25		
Dichlorodifluoromethane (Freon 12)	0.0141	0.020	mg/Kg wet	0.0200		70.7		40-160	2.51	25	J	†
1,1-Dichloroethane	0.0190	0.0020	mg/Kg wet	0.0200		95.0		70-130	4.02	25		
1,2-Dichloroethane	0.0183	0.0020	mg/Kg wet	0.0200		91.5		70-130	4.90	25		
1,1-Dichloroethylene	0.0174	0.0040	mg/Kg wet	0.0200		86.8		70-130	5.82	25		
cis-1,2-Dichloroethylene	0.0187	0.0020	mg/Kg wet	0.0200		93.5		70-130	6.42	25		
trans-1,2-Dichloroethylene	0.0181	0.0020	mg/Kg wet	0.0200		90.7		70-130	3.68	25		
1,2-Dichloropropane	0.0183	0.0020	mg/Kg wet	0.0200		91.6		70-130	8.57	25		
1,3-Dichloropropane	0.0185	0.0010	mg/Kg wet	0.0200		92.6		70-130	1.18	25		
2,2-Dichloropropane	0.0172	0.0020	mg/Kg wet	0.0200		86.1		70-130	2.97	25		
1,1-Dichloropropene	0.0183	0.0020	mg/Kg wet	0.0200		91.5		70-130	1.10	25		
cis-1,3-Dichloropropene	0.0197	0.0010	mg/Kg wet	0.0200		98.6		70-130	5.04	25		
trans-1,3-Dichloropropene	0.0180	0.0010	mg/Kg wet	0.0200		90.2		70-130	6.33	25		
Diethyl Ether	0.0200	0.020	mg/Kg wet	0.0200		99.8		70-130	0.200	25	J	
Diisopropyl Ether (DIPE)	0.0191	0.0010	mg/Kg wet	0.0200		95.5		70-130	2.99	25		
1,4-Dioxane	0.190	0.10	mg/Kg wet	0.200		94.8		40-160	7.40	50		† ‡
Ethylbenzene	0.0179	0.0020	mg/Kg wet	0.0200		89.6		70-130	4.79	25		
Hexachlorobutadiene	0.0192	0.0020	mg/Kg wet	0.0200		96.1		70-160	1.04	25		
2-Hexanone (MBK)	0.201	0.020	mg/Kg wet	0.200		101		70-160	0.229	25		†

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B233252 - SW-846 5035											
LCS Dup (B233252-BSD1)				Prepared & Analyzed: 06/13/19							
Isopropylbenzene (Cumene)	0.0177	0.0020	mg/Kg wet	0.0200		88.4	70-130	0.676	25		
p-Isopropyltoluene (p-Cymene)	0.0174	0.0020	mg/Kg wet	0.0200		87.1	70-130	5.58	25		
Methyl Acetate	0.0213	0.0020	mg/Kg wet	0.0200		106	70-130	2.00	25		
Methyl tert-Butyl Ether (MTBE)	0.0200	0.0040	mg/Kg wet	0.0200		100	70-130	0.697	25		
Methyl Cyclohexane	0.0189	0.0020	mg/Kg wet	0.0200		94.7	70-130	2.40	25		
Methylene Chloride	0.0184	0.020	mg/Kg wet	0.0200		92.2	40-160	3.52	25	J	†
4-Methyl-2-pentanone (MIBK)	0.203	0.020	mg/Kg wet	0.200		101	70-160	0.493	25		†
Naphthalene	0.0164	0.0040	mg/Kg wet	0.0200		82.2	40-130	5.10	25		†
n-Propylbenzene	0.0182	0.0020	mg/Kg wet	0.0200		91.0	70-130	4.09	25		
Styrene	0.0181	0.0020	mg/Kg wet	0.0200		90.4	70-130	6.53	25		
1,1,1,2-Tetrachloroethane	0.0202	0.0020	mg/Kg wet	0.0200		101	70-130	2.35	25		
1,1,2,2-Tetrachloroethane	0.0212	0.0010	mg/Kg wet	0.0200		106	70-130	4.93	25		
Tetrachloroethylene	0.0205	0.0020	mg/Kg wet	0.0200		102	70-130	0.487	25		
Tetrahydrofuran	0.0205	0.010	mg/Kg wet	0.0200		102	70-130	13.0	25		
Toluene	0.0172	0.0020	mg/Kg wet	0.0200		86.1	70-130	6.08	25		
1,2,3-Trichlorobenzene	0.0183	0.0020	mg/Kg wet	0.0200		91.4	70-130	2.91	25		
1,2,4-Trichlorobenzene	0.0170	0.0020	mg/Kg wet	0.0200		84.8	70-130	7.38	25		
1,3,5-Trichlorobenzene	0.0182	0.0020	mg/Kg wet	0.0200		91.1	70-130	3.03	25		
1,1,1-Trichloroethane	0.0173	0.0020	mg/Kg wet	0.0200		86.3	70-130	7.26	25		
1,1,2-Trichloroethane	0.0184	0.0020	mg/Kg wet	0.0200		91.8	70-130	9.35	25		
Trichloroethylene	0.0189	0.0020	mg/Kg wet	0.0200		94.7	70-130	1.15	25		
Trichlorofluoromethane (Freon 11)	0.0157	0.010	mg/Kg wet	0.0200		78.3	70-130	7.02	25		
1,2,3-Trichloropropane	0.0190	0.0020	mg/Kg wet	0.0200		94.9	70-130	1.26	25		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0188	0.010	mg/Kg wet	0.0200		93.9	70-130	8.17	25		
1,2,4-Trimethylbenzene	0.0175	0.0020	mg/Kg wet	0.0200		87.4	70-130	4.80	25		
1,3,5-Trimethylbenzene	0.0182	0.0020	mg/Kg wet	0.0200		91.1	70-130	1.63	25		
Vinyl Chloride	0.0148	0.010	mg/Kg wet	0.0200		74.2	40-130	1.60	25		†
m+p Xylene	0.0363	0.0040	mg/Kg wet	0.0400		90.7	70-130	3.10	25		
o-Xylene	0.0179	0.0020	mg/Kg wet	0.0200		89.7	70-130	3.40	25		
Surrogate: 1,2-Dichloroethane-d4	*0.0481*		mg/Kg wet	0.0500		96.2	70-130				
Surrogate: Toluene-d8	*0.0498*		mg/Kg wet	0.0500		99.7	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0513*		mg/Kg wet	0.0500		103	70-130				

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B233189 - SW-846 3546										
Blank (B233189-BLK1)				Prepared: 06/13/19 Analyzed: 06/17/19						
Acenaphthene	ND	0.17	mg/Kg wet							
Acenaphthylene	ND	0.17	mg/Kg wet							
Acetophenone	ND	0.34	mg/Kg wet							
Aniline	ND	0.34	mg/Kg wet							
Anthracene	ND	0.17	mg/Kg wet							
Benzidine	ND	0.66	mg/Kg wet							V-04, V-05, V-35
Benzo(a)anthracene	ND	0.17	mg/Kg wet							
Benzo(a)pyrene	ND	0.17	mg/Kg wet							
Benzo(b)fluoranthene	ND	0.17	mg/Kg wet							
Benzo(g,h,i)perylene	ND	0.17	mg/Kg wet							
Benzo(k)fluoranthene	ND	0.17	mg/Kg wet							
Benzoic Acid	ND	1.0	mg/Kg wet							L-04
Bis(2-chloroethoxy)methane	ND	0.34	mg/Kg wet							
Bis(2-chloroethyl)ether	ND	0.34	mg/Kg wet							
Bis(2-chloroisopropyl)ether	ND	0.34	mg/Kg wet							
Bis(2-Ethylhexyl)phthalate	ND	0.34	mg/Kg wet							
4-Bromophenylphenylether	ND	0.34	mg/Kg wet							
Butylbenzylphthalate	ND	0.34	mg/Kg wet							
Carbazole	ND	0.17	mg/Kg wet							
4-Chloroaniline	ND	0.66	mg/Kg wet							V-34
4-Chloro-3-methylphenol	ND	0.66	mg/Kg wet							
2-Chloronaphthalene	ND	0.34	mg/Kg wet							
2-Chlorophenol	ND	0.34	mg/Kg wet							
4-Chlorophenylphenylether	ND	0.34	mg/Kg wet							
Chrysene	ND	0.17	mg/Kg wet							
Dibenz(a,h)anthracene	ND	0.17	mg/Kg wet							
Dibenzofuran	ND	0.34	mg/Kg wet							
Di-n-butylphthalate	ND	0.34	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.34	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.34	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.34	mg/Kg wet							
3,3-Dichlorobenzidine	ND	0.17	mg/Kg wet							V-34
2,4-Dichlorophenol	ND	0.34	mg/Kg wet							
Diethylphthalate	ND	0.34	mg/Kg wet							
2,4-Dimethylphenol	ND	0.34	mg/Kg wet							
Dimethylphthalate	ND	0.34	mg/Kg wet							
4,6-Dinitro-2-methylphenol	ND	0.34	mg/Kg wet							
2,4-Dinitrophenol	ND	0.66	mg/Kg wet							
2,4-Dinitrotoluene	ND	0.34	mg/Kg wet							
2,6-Dinitrotoluene	ND	0.34	mg/Kg wet							
Di-n-octylphthalate	ND	0.34	mg/Kg wet							
1,2-Diphenylhydrazine/Azobenzene	ND	0.34	mg/Kg wet							
Fluoranthene	ND	0.17	mg/Kg wet							
Fluorene	ND	0.17	mg/Kg wet							
Hexachlorobenzene	ND	0.34	mg/Kg wet							
Hexachlorobutadiene	ND	0.34	mg/Kg wet							
Hexachlorocyclopentadiene	ND	0.34	mg/Kg wet							
Hexachloroethane	ND	0.34	mg/Kg wet							
Indeno(1,2,3-cd)pyrene	ND	0.17	mg/Kg wet							
Isophorone	ND	0.34	mg/Kg wet							
1-Methylnaphthalene	ND	0.17	mg/Kg wet							
2-Methylnaphthalene	ND	0.17	mg/Kg wet							

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QUALITY CONTROL

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B233189 - SW-846 3546												
Blank (B233189-BLK1)				Prepared: 06/13/19 Analyzed: 06/17/19								
2-Methylphenol	ND	0.34	mg/Kg wet									
3/4-Methylphenol	ND	0.34	mg/Kg wet									
Naphthalene	ND	0.17	mg/Kg wet									
2-Nitroaniline	ND	0.34	mg/Kg wet									
3-Nitroaniline	ND	0.34	mg/Kg wet									
4-Nitroaniline	ND	0.34	mg/Kg wet									
Nitrobenzene	ND	0.34	mg/Kg wet									
2-Nitrophenol	ND	0.34	mg/Kg wet									
4-Nitrophenol	ND	0.66	mg/Kg wet									
N-Nitrosodimethylamine	ND	0.34	mg/Kg wet									
N-Nitrosodiphenylamine/Diphenylamine	ND	0.34	mg/Kg wet									
N-Nitrosodi-n-propylamine	ND	0.34	mg/Kg wet									
Pentachloronitrobenzene	ND	0.34	mg/Kg wet									
Pentachlorophenol	ND	0.34	mg/Kg wet									
Phenanthrene	ND	0.17	mg/Kg wet									
Phenol	ND	0.34	mg/Kg wet									
Pyrene	ND	0.17	mg/Kg wet									
Pyridine	ND	0.34	mg/Kg wet									
1,2,4,5-Tetrachlorobenzene	ND	0.34	mg/Kg wet									
1,2,4-Trichlorobenzene	ND	0.34	mg/Kg wet									
2,4,5-Trichlorophenol	ND	0.34	mg/Kg wet									
2,4,6-Trichlorophenol	ND	0.34	mg/Kg wet									
Surrogate: 2-Fluorophenol	*4.77*		mg/Kg wet	6.67		71.6		30-130				
Surrogate: Phenol-d6	*4.83*		mg/Kg wet	6.67		72.5		30-130				
Surrogate: Nitrobenzene-d5	*2.19*		mg/Kg wet	3.33		65.8		30-130				
Surrogate: 2-Fluorobiphenyl	*2.79*		mg/Kg wet	3.33		83.6		30-130				
Surrogate: 2,4,6-Tribromophenol	*5.83*		mg/Kg wet	6.67		87.4		30-130				
Surrogate: p-Terphenyl-d14	*3.22*		mg/Kg wet	3.33		96.5		30-130				
LCS (B233189-BS1)				Prepared: 06/13/19 Analyzed: 06/17/19								
Acenaphthene	1.32	0.17	mg/Kg wet	1.67		79.5		40-140				
Acenaphthylene	1.37	0.17	mg/Kg wet	1.67		82.4		40-140				
Acetophenone	1.01	0.34	mg/Kg wet	1.67		60.8		40-140				
Aniline	0.920	0.34	mg/Kg wet	1.67		55.2		10-140			V-34	†
Anthracene	1.48	0.17	mg/Kg wet	1.67		88.5		40-140				
Benzidine	1.72	0.66	mg/Kg wet	1.67		104		40-140			V-04, V-05, V-35	
Benzo(a)anthracene	1.43	0.17	mg/Kg wet	1.67		86.1		40-140				
Benzo(a)pyrene	1.52	0.17	mg/Kg wet	1.67		91.2		40-140				
Benzo(b)fluoranthene	1.47	0.17	mg/Kg wet	1.67		88.0		40-140				
Benzo(g,h,i)perylene	1.33	0.17	mg/Kg wet	1.67		79.6		40-140				
Benzo(k)fluoranthene	1.50	0.17	mg/Kg wet	1.67		90.1		40-140				
Benzoic Acid	0.354	1.0	mg/Kg wet	1.67		**21.2**	*	30-130			L-04, J	
Bis(2-chloroethoxy)methane	1.45	0.34	mg/Kg wet	1.67		86.8		40-140				
Bis(2-chloroethyl)ether	1.08	0.34	mg/Kg wet	1.67		64.8		40-140				
Bis(2-chloroisopropyl)ether	1.32	0.34	mg/Kg wet	1.67		79.2		40-140				
Bis(2-Ethylhexyl)phthalate	1.24	0.34	mg/Kg wet	1.67		74.6		40-140				
4-Bromophenylphenylether	1.56	0.34	mg/Kg wet	1.67		93.7		40-140				
Butylbenzylphthalate	1.35	0.34	mg/Kg wet	1.67		80.8		40-140				
Carbazole	1.46	0.17	mg/Kg wet	1.67		87.4		40-140				
4-Chloroaniline	1.05	0.66	mg/Kg wet	1.67		63.2		10-140			V-34	†
4-Chloro-3-methylphenol	1.32	0.66	mg/Kg wet	1.67		78.9		30-130				
2-Chloronaphthalene	1.30	0.34	mg/Kg wet	1.67		77.7		40-140				

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B233189 - SW-846 3546											
LCS (B233189-BS1)				Prepared: 06/13/19 Analyzed: 06/17/19							
2-Chlorophenol	1.26	0.34	mg/Kg wet	1.67		75.8	30-130				
4-Chlorophenylphenylether	1.49	0.34	mg/Kg wet	1.67		89.2	40-140				
Chrysene	1.40	0.17	mg/Kg wet	1.67		84.3	40-140				
Dibenz(a,h)anthracene	1.26	0.17	mg/Kg wet	1.67		75.4	40-140				
Dibenzofuran	1.40	0.34	mg/Kg wet	1.67		84.0	40-140				
Di-n-butylphthalate	1.39	0.34	mg/Kg wet	1.67		83.7	40-140				
1,2-Dichlorobenzene	1.16	0.34	mg/Kg wet	1.67		69.4	40-140				
1,3-Dichlorobenzene	1.12	0.34	mg/Kg wet	1.67		67.1	40-140				
1,4-Dichlorobenzene	1.14	0.34	mg/Kg wet	1.67		68.1	40-140				
3,3-Dichlorobenzidine	1.24	0.17	mg/Kg wet	1.67		74.3	20-140			V-34	†
2,4-Dichlorophenol	1.51	0.34	mg/Kg wet	1.67		90.6	30-130				
Diethylphthalate	1.35	0.34	mg/Kg wet	1.67		81.1	40-140				
2,4-Dimethylphenol	1.36	0.34	mg/Kg wet	1.67		81.4	30-130				
Dimethylphthalate	1.36	0.34	mg/Kg wet	1.67		81.8	40-140				
4,6-Dinitro-2-methylphenol	1.20	0.34	mg/Kg wet	1.67		72.3	30-130				
2,4-Dinitrophenol	0.695	0.66	mg/Kg wet	1.67		41.7	30-130			V-05	
2,4-Dinitrotoluene	1.43	0.34	mg/Kg wet	1.67		85.8	40-140				
2,6-Dinitrotoluene	1.52	0.34	mg/Kg wet	1.67		91.1	40-140				
Di-n-octylphthalate	1.34	0.34	mg/Kg wet	1.67		80.4	40-140			V-05	
1,2-Diphenylhydrazine/Azobenzene	1.35	0.34	mg/Kg wet	1.67		81.2	40-140				
Fluoranthene	1.47	0.17	mg/Kg wet	1.67		88.5	40-140				
Fluorene	1.41	0.17	mg/Kg wet	1.67		84.8	40-140				
Hexachlorobenzene	1.53	0.34	mg/Kg wet	1.67		91.7	40-140				
Hexachlorobutadiene	1.14	0.34	mg/Kg wet	1.67		68.2	40-140				
Hexachlorocyclopentadiene	1.01	0.34	mg/Kg wet	1.67		60.9	40-140			V-05	
Hexachloroethane	1.01	0.34	mg/Kg wet	1.67		60.4	40-140				
Indeno(1,2,3-cd)pyrene	1.30	0.17	mg/Kg wet	1.67		78.0	40-140				
Isophorone	1.32	0.34	mg/Kg wet	1.67		79.3	40-140				
1-Methylnaphthalene	1.34	0.17	mg/Kg wet	1.67		80.4	40-140				
2-Methylnaphthalene	1.36	0.17	mg/Kg wet	1.67		81.9	40-140				
2-Methylphenol	1.33	0.34	mg/Kg wet	1.67		79.8	30-130				
3/4-Methylphenol	1.24	0.34	mg/Kg wet	1.67		74.5	30-130				
Naphthalene	1.22	0.17	mg/Kg wet	1.67		73.2	40-140				
2-Nitroaniline	1.15	0.34	mg/Kg wet	1.67		68.8	40-140				
3-Nitroaniline	1.32	0.34	mg/Kg wet	1.67		79.2	30-140				†
4-Nitroaniline	1.47	0.34	mg/Kg wet	1.67		88.1	40-140				
Nitrobenzene	1.12	0.34	mg/Kg wet	1.67		66.9	40-140				
2-Nitrophenol	1.29	0.34	mg/Kg wet	1.67		77.2	30-130				
4-Nitrophenol	1.11	0.66	mg/Kg wet	1.67		66.4	30-130				
N-Nitrosodimethylamine	0.983	0.34	mg/Kg wet	1.67		59.0	40-140				
N-Nitrosodiphenylamine/Diphenylamine	1.63	0.34	mg/Kg wet	1.67		98.0	40-140				
N-Nitrosodi-n-propylamine	1.08	0.34	mg/Kg wet	1.67		64.6	40-140				
Pentachloronitrobenzene	1.45	0.34	mg/Kg wet	1.67		86.8	40-140			V-16	
Pentachlorophenol	1.19	0.34	mg/Kg wet	1.67		71.1	30-130				
Phenanthrene	1.50	0.17	mg/Kg wet	1.67		90.2	40-140				
Phenol	1.22	0.34	mg/Kg wet	1.67		73.3	30-130				
Pyrene	1.50	0.17	mg/Kg wet	1.67		90.2	40-140				
Pyridine	0.734	0.34	mg/Kg wet	1.67		44.1	30-140				†
1,2,4,5-Tetrachlorobenzene	1.16	0.34	mg/Kg wet	1.67		69.8	40-140				
1,2,4-Trichlorobenzene	1.26	0.34	mg/Kg wet	1.67		75.7	40-140				
2,4,5-Trichlorophenol	1.47	0.34	mg/Kg wet	1.67		88.2	30-130				
2,4,6-Trichlorophenol	1.45	0.34	mg/Kg wet	1.67		86.8	30-130				

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B233189 - SW-846 3546												
LCS (B233189-BS1)				Prepared: 06/13/19 Analyzed: 06/17/19								
Surrogate: 2-Fluorophenol	*4.62*		mg/Kg wet	6.67		69.3		30-130				
Surrogate: Phenol-d6	*5.09*		mg/Kg wet	6.67		76.3		30-130				
Surrogate: Nitrobenzene-d5	*2.23*		mg/Kg wet	3.33		66.8		30-130				
Surrogate: 2-Fluorobiphenyl	*2.96*		mg/Kg wet	3.33		88.9		30-130				
Surrogate: 2,4,6-Tribromophenol	*6.23*		mg/Kg wet	6.67		93.5		30-130				
Surrogate: p-Terphenyl-d14	*3.13*		mg/Kg wet	3.33		93.8		30-130				
LCS Dup (B233189-BSD1)				Prepared: 06/13/19 Analyzed: 06/17/19								
Acenaphthene	1.44	0.17	mg/Kg wet	1.67		86.3		40-140	8.25	30		
Acenaphthylene	1.53	0.17	mg/Kg wet	1.67		92.0		40-140	11.0	30		
Acetophenone	1.10	0.34	mg/Kg wet	1.67		65.9		40-140	8.18	30		
Aniline	1.01	0.34	mg/Kg wet	1.67		60.5		10-140	9.10	50		† ‡
Anthracene	1.66	0.17	mg/Kg wet	1.67		99.9		40-140	12.0	30		
Benzidine	2.22	0.66	mg/Kg wet	1.67		133		40-140	25.2	30	V-04, V-05, V-35	
Benzo(a)anthracene	1.64	0.17	mg/Kg wet	1.67		98.3		40-140	13.3	30		
Benzo(a)pyrene	1.77	0.17	mg/Kg wet	1.67		106		40-140	15.3	30		
Benzo(b)fluoranthene	1.67	0.17	mg/Kg wet	1.67		100		40-140	13.1	30		
Benzo(g,h,i)perylene	1.57	0.17	mg/Kg wet	1.67		94.2		40-140	16.8	30		
Benzo(k)fluoranthene	1.70	0.17	mg/Kg wet	1.67		102		40-140	12.3	30		
Benzoic Acid	0.333	1.0	mg/Kg wet	1.67		**20.0**	*	30-130	6.12	50	L-04, J	‡
Bis(2-chloroethoxy)methane	1.58	0.34	mg/Kg wet	1.67		94.9		40-140	8.90	30		
Bis(2-chloroethyl)ether	1.23	0.34	mg/Kg wet	1.67		73.7		40-140	12.9	30		
Bis(2-chloroisopropyl)ether	1.46	0.34	mg/Kg wet	1.67		87.5		40-140	9.98	30		
Bis(2-Ethylhexyl)phthalate	1.48	0.34	mg/Kg wet	1.67		88.6		40-140	17.1	30		
4-Bromophenylphenylether	1.77	0.34	mg/Kg wet	1.67		106		40-140	12.7	30		
Butylbenzylphthalate	1.56	0.34	mg/Kg wet	1.67		93.5		40-140	14.6	30		
Carbazole	1.64	0.17	mg/Kg wet	1.67		98.5		40-140	12.0	30		
4-Chloroaniline	1.15	0.66	mg/Kg wet	1.67		69.1		10-140	8.92	30	V-34	†
4-Chloro-3-methylphenol	1.46	0.66	mg/Kg wet	1.67		87.7		30-130	10.5	30		
2-Chloronaphthalene	1.45	0.34	mg/Kg wet	1.67		86.8		40-140	11.0	30		
2-Chlorophenol	1.37	0.34	mg/Kg wet	1.67		82.0		30-130	7.89	30		
4-Chlorophenylphenylether	1.66	0.34	mg/Kg wet	1.67		99.7		40-140	11.1	30		
Chrysene	1.63	0.17	mg/Kg wet	1.67		97.9		40-140	15.0	30		
Dibenz(a,h)anthracene	1.45	0.17	mg/Kg wet	1.67		87.0		40-140	14.2	30		
Dibenzofuran	1.55	0.34	mg/Kg wet	1.67		93.2		40-140	10.4	30		
Di-n-butylphthalate	1.56	0.34	mg/Kg wet	1.67		93.7		40-140	11.3	30		
1,2-Dichlorobenzene	1.29	0.34	mg/Kg wet	1.67		77.4		40-140	11.0	30		
1,3-Dichlorobenzene	1.23	0.34	mg/Kg wet	1.67		74.0		40-140	9.81	30		
1,4-Dichlorobenzene	1.27	0.34	mg/Kg wet	1.67		76.0		40-140	10.9	30		
3,3-Dichlorobenzidine	1.40	0.17	mg/Kg wet	1.67		84.1		20-140	12.4	50	V-34	† ‡
2,4-Dichlorophenol	1.66	0.34	mg/Kg wet	1.67		99.6		30-130	9.40	30		
Diethylphthalate	1.51	0.34	mg/Kg wet	1.67		90.7		40-140	11.2	30		
2,4-Dimethylphenol	1.54	0.34	mg/Kg wet	1.67		92.3		30-130	12.5	30		
Dimethylphthalate	1.55	0.34	mg/Kg wet	1.67		92.8		40-140	12.6	30		
4,6-Dinitro-2-methylphenol	1.29	0.34	mg/Kg wet	1.67		77.2		30-130	6.66	30		
2,4-Dinitrophenol	0.688	0.66	mg/Kg wet	1.67		41.3		30-130	0.916	30		
2,4-Dinitrotoluene	1.64	0.34	mg/Kg wet	1.67		98.1		40-140	13.4	30		
2,6-Dinitrotoluene	1.72	0.34	mg/Kg wet	1.67		103		40-140	12.3	30		
Di-n-octylphthalate	1.52	0.34	mg/Kg wet	1.67		91.3		40-140	12.7	30		
1,2-Diphenylhydrazine/Azobenzene	1.54	0.34	mg/Kg wet	1.67		92.2		40-140	12.7	30		
Fluoranthene	1.69	0.17	mg/Kg wet	1.67		101		40-140	13.7	30		
Fluorene	1.59	0.17	mg/Kg wet	1.67		95.5		40-140	12.0	30		

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B233189 - SW-846 3546										
LCS Dup (B233189-BSD1)				Prepared: 06/13/19 Analyzed: 06/17/19						
Hexachlorobenzene	1.70	0.34	mg/Kg wet	1.67		102	40-140	10.4	30	
Hexachlorobutadiene	1.24	0.34	mg/Kg wet	1.67		74.7	40-140	9.04	30	
Hexachlorocyclopentadiene	1.16	0.34	mg/Kg wet	1.67		69.5	40-140	13.3	30	
Hexachloroethane	1.13	0.34	mg/Kg wet	1.67		67.7	40-140	11.4	30	
Indeno(1,2,3-cd)pyrene	1.51	0.17	mg/Kg wet	1.67		90.7	40-140	15.2	30	
Isophorone	1.44	0.34	mg/Kg wet	1.67		86.4	40-140	8.57	30	
1-Methylnaphthalene	1.46	0.17	mg/Kg wet	1.67		87.8	40-140	8.80	30	
2-Methylnaphthalene	1.49	0.17	mg/Kg wet	1.67		89.5	40-140	8.89	30	
2-Methylphenol	1.44	0.34	mg/Kg wet	1.67		86.2	30-130	7.71	30	
3/4-Methylphenol	1.39	0.34	mg/Kg wet	1.67		83.5	30-130	11.4	30	
Naphthalene	1.31	0.17	mg/Kg wet	1.67		78.5	40-140	6.96	30	
2-Nitroaniline	1.29	0.34	mg/Kg wet	1.67		77.7	40-140	12.2	30	
3-Nitroaniline	1.48	0.34	mg/Kg wet	1.67		88.9	30-140	11.6	30	†
4-Nitroaniline	1.63	0.34	mg/Kg wet	1.67		97.9	40-140	10.6	30	
Nitrobenzene	1.21	0.34	mg/Kg wet	1.67		72.6	40-140	8.17	30	
2-Nitrophenol	1.39	0.34	mg/Kg wet	1.67		83.5	30-130	7.79	30	
4-Nitrophenol	1.22	0.66	mg/Kg wet	1.67		73.2	30-130	9.83	50	‡
N-Nitrosodimethylamine	1.08	0.34	mg/Kg wet	1.67		64.9	40-140	9.56	30	
N-Nitrosodiphenylamine/Diphenylamine	1.85	0.34	mg/Kg wet	1.67		111	40-140	12.5	30	
N-Nitrosodi-n-propylamine	1.21	0.34	mg/Kg wet	1.67		72.5	40-140	11.6	30	
Pentachloronitrobenzene	1.61	0.34	mg/Kg wet	1.67		96.6	40-140	10.6	30	
Pentachlorophenol	1.27	0.34	mg/Kg wet	1.67		76.5	30-130	7.26	30	
Phenanthrene	1.68	0.17	mg/Kg wet	1.67		101	40-140	10.9	30	
Phenol	1.34	0.34	mg/Kg wet	1.67		80.5	30-130	9.34	30	
Pyrene	1.73	0.17	mg/Kg wet	1.67		104	40-140	14.3	30	
Pyridine	0.812	0.34	mg/Kg wet	1.67		48.7	30-140	10.0	30	†
1,2,4,5-Tetrachlorobenzene	1.31	0.34	mg/Kg wet	1.67		78.6	40-140	11.9	30	
1,2,4-Trichlorobenzene	1.39	0.34	mg/Kg wet	1.67		83.4	40-140	9.65	30	
2,4,5-Trichlorophenol	1.66	0.34	mg/Kg wet	1.67		99.4	30-130	12.0	30	
2,4,6-Trichlorophenol	1.59	0.34	mg/Kg wet	1.67		95.5	30-130	9.54	30	
Surrogate: 2-Fluorophenol	*5.00*		mg/Kg wet	6.67		74.9	30-130			
Surrogate: Phenol-d6	*5.54*		mg/Kg wet	6.67		83.1	30-130			
Surrogate: Nitrobenzene-d5	*2.37*		mg/Kg wet	3.33		71.2	30-130			
Surrogate: 2-Fluorobiphenyl	*3.29*		mg/Kg wet	3.33		98.7	30-130			
Surrogate: 2,4,6-Tribromophenol	*6.81*		mg/Kg wet	6.67		102	30-130			
Surrogate: p-Terphenyl-d14	*3.61*		mg/Kg wet	3.33		108	30-130			

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B233449 - SW-846 3540C										
Blank (B233449-BLK1)				Prepared: 06/16/19 Analyzed: 06/18/19						
Aroclor-1016	ND	0.020	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1221	ND	0.020	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1232	ND	0.020	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1242	ND	0.020	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1248	ND	0.020	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1254	ND	0.020	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1260	ND	0.020	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1262	ND	0.020	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1268	ND	0.020	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.020	mg/Kg wet							
Surrogate: Decachlorobiphenyl	*0.197*		mg/Kg wet	0.200		98.4	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.201*		mg/Kg wet	0.200		100	30-150			
Surrogate: Tetrachloro-m-xylene	*0.180*		mg/Kg wet	0.200		90.1	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.170*		mg/Kg wet	0.200		84.9	30-150			
LCS (B233449-BS1)				Prepared: 06/16/19 Analyzed: 06/18/19						
Aroclor-1016	0.18	0.020	mg/Kg wet	0.200		87.6	40-140			
Aroclor-1016 [2C]	0.16	0.020	mg/Kg wet	0.200		78.6	40-140			
Aroclor-1260	0.17	0.020	mg/Kg wet	0.200		85.1	40-140			
Aroclor-1260 [2C]	0.17	0.020	mg/Kg wet	0.200		84.1	40-140			
Surrogate: Decachlorobiphenyl	*0.185*		mg/Kg wet	0.200		92.4	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.188*		mg/Kg wet	0.200		94.1	30-150			
Surrogate: Tetrachloro-m-xylene	*0.168*		mg/Kg wet	0.200		84.2	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.158*		mg/Kg wet	0.200		78.8	30-150			
LCS Dup (B233449-BSD1)				Prepared: 06/16/19 Analyzed: 06/18/19						
Aroclor-1016	0.17	0.020	mg/Kg wet	0.200		84.4	40-140	3.66	30	
Aroclor-1016 [2C]	0.15	0.020	mg/Kg wet	0.200		77.4	40-140	1.52	30	
Aroclor-1260	0.17	0.020	mg/Kg wet	0.200		86.3	40-140	1.36	30	
Aroclor-1260 [2C]	0.17	0.020	mg/Kg wet	0.200		83.6	40-140	0.635	30	
Surrogate: Decachlorobiphenyl	*0.187*		mg/Kg wet	0.200		93.3	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.190*		mg/Kg wet	0.200		94.9	30-150			
Surrogate: Tetrachloro-m-xylene	*0.162*		mg/Kg wet	0.200		80.8	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.150*		mg/Kg wet	0.200		75.1	30-150			

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B233449 - SW-846 3540C										
Matrix Spike (B233449-MS1)	**Source: 19F0630-01**			Prepared: 06/16/19 Analyzed: 06/18/19						
Aroclor-1016	0.20	0.088	mg/Kg dry	0.221	ND	89.9	40-140			
Aroclor-1016 [2C]	0.18	0.088	mg/Kg dry	0.221	ND	80.3	40-140			
Aroclor-1260	0.19	0.088	mg/Kg dry	0.221	ND	87.6	40-140			
Aroclor-1260 [2C]	0.18	0.088	mg/Kg dry	0.221	ND	81.8	40-140			
Surrogate: Decachlorobiphenyl	*0.181*		mg/Kg dry	0.221		81.8	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.182*		mg/Kg dry	0.221		82.5	30-150			
Surrogate: Tetrachloro-m-xylene	*0.170*		mg/Kg dry	0.221		77.2	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.166*		mg/Kg dry	0.221		75.1	30-150			
Matrix Spike Dup (B233449-MSD1)	**Source: 19F0630-01**			Prepared: 06/16/19 Analyzed: 06/18/19						
Aroclor-1016	0.21	0.087	mg/Kg dry	0.218	ND	95.1	40-140	4.35	50	
Aroclor-1016 [2C]	0.19	0.087	mg/Kg dry	0.218	ND	85.1	40-140	4.53	50	
Aroclor-1260	0.19	0.087	mg/Kg dry	0.218	ND	88.8	40-140	0.133	50	
Aroclor-1260 [2C]	0.18	0.087	mg/Kg dry	0.218	ND	83.7	40-140	1.04	50	
Surrogate: Decachlorobiphenyl	*0.186*		mg/Kg dry	0.218		85.4	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.191*		mg/Kg dry	0.218		87.6	30-150			
Surrogate: Tetrachloro-m-xylene	*0.187*		mg/Kg dry	0.218		86.0	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.183*		mg/Kg dry	0.218		83.8	30-150			

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B233492 - SW-846 7471										
Blank (B233492-BLK1)				Prepared: 06/17/19 Analyzed: 06/18/19						
Mercury	ND	0.025	mg/Kg wet							
LCS (B233492-BS1)				Prepared: 06/17/19 Analyzed: 06/18/19						
Mercury	24.5	1.9	mg/Kg wet	27.3		89.6	64-136.5			
LCS Dup (B233492-BSD1)				Prepared: 06/17/19 Analyzed: 06/18/19						
Mercury	25.6	1.9	mg/Kg wet	27.3		93.6	64-136.5	4.35	20	
Duplicate (B233492-DUP1)	**Source: 19F0630-04**			Prepared: 06/17/19 Analyzed: 06/18/19						
Mercury	0.00893	0.027	mg/Kg dry		0.00886			0.824	35	J
Matrix Spike (B233492-MS1)	**Source: 19F0630-04**			Prepared: 06/17/19 Analyzed: 06/18/19						
Mercury	0.410	0.027	mg/Kg dry	0.357	0.00886	112	75-125			
Batch B233505 - SW-846 3050B										
Blank (B233505-BLK1)				Prepared: 06/17/19 Analyzed: 06/18/19						
Arsenic	ND	1.7	mg/Kg wet							
Barium	ND	1.7	mg/Kg wet							
Cadmium	ND	0.17	mg/Kg wet							
Chromium	ND	0.33	mg/Kg wet							
Lead	ND	0.50	mg/Kg wet							
Selenium	ND	3.3	mg/Kg wet							
Silver	ND	0.33	mg/Kg wet							
LCS (B233505-BS1)				Prepared: 06/17/19 Analyzed: 06/18/19						
Arsenic	70.4	4.9	mg/Kg wet	77.2		91.3	82.4-117.4			
Barium	383	4.9	mg/Kg wet	391		97.9	82-118			
Cadmium	155	0.49	mg/Kg wet	182		85.1	83.1-117.5			
Chromium	258	0.99	mg/Kg wet	272		94.7	81.5-118.5			
Lead	249	1.5	mg/Kg wet	241		103	81.8-118.2			
Selenium	190	9.9	mg/Kg wet	216		88.1	79-121.5			
Silver	68.1	0.99	mg/Kg wet	66.3		103	79.6-120.4			
LCS Dup (B233505-BSD1)				Prepared: 06/17/19 Analyzed: 06/18/19						
Arsenic	70.0	4.9	mg/Kg wet	77.2		90.7	82.4-117.4	0.581	30	
Barium	384	4.9	mg/Kg wet	391		98.3	82-118	0.381	20	
Cadmium	155	0.49	mg/Kg wet	182		85.2	83.1-117.5	0.0823	20	
Chromium	256	0.98	mg/Kg wet	272		94.0	81.5-118.5	0.716	30	
Lead	232	1.5	mg/Kg wet	241		96.2	81.8-118.2	7.09	30	
Selenium	190	9.8	mg/Kg wet	216		87.8	79-121.5	0.289	30	
Silver	68.9	0.98	mg/Kg wet	66.3		104	79.6-120.4	1.25	30	

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B233505 - SW-846 3050B										
Duplicate (B233505-DUP1)	**Source: 19F0630-04**			Prepared: 06/17/19 Analyzed: 06/18/19						
Arsenic	2.41	1.8	mg/Kg dry		2.40			0.225	35	
Barium	30.5	1.8	mg/Kg dry		28.9			5.51	35	
Cadmium	0.183	0.18	mg/Kg dry		0.175			4.17	35	
Chromium	7.02	0.35	mg/Kg dry		6.82			2.86	35	
Lead	6.74	0.53	mg/Kg dry		6.01			11.4	35	
Selenium	ND	3.5	mg/Kg dry		ND			NC	35	
Silver	ND	0.35	mg/Kg dry		ND			NC	35	
MRL Check (B233505-MRL1)				Prepared: 06/17/19 Analyzed: 06/18/19						
Lead	0.485	0.47	mg/Kg wet	0.475		102	80-120			
Matrix Spike (B233505-MS1)	**Source: 19F0630-04**			Prepared: 06/17/19 Analyzed: 06/18/19						
Arsenic	18.6	1.7	mg/Kg dry	17.3	2.40	93.4	75-125			
Barium	46.3	1.7	mg/Kg dry	17.3	28.9	101	75-125			
Cadmium	16.8	0.17	mg/Kg dry	17.3	0.175	95.8	75-125			
Chromium	23.7	0.35	mg/Kg dry	17.3	6.82	97.5	75-125			
Lead	22.7	0.52	mg/Kg dry	17.3	6.01	96.5	75-125			
Selenium	14.5	3.5	mg/Kg dry	17.3	ND	83.7	75-125			
Silver	18.1	0.35	mg/Kg dry	17.3	ND	104	75-125			

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS

Lab Sample ID: B233449-BS1 Date(s) Analyzed: 06/18/2019 06/18/2019

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	-0.030	0.030	0.18	
	2	0.000	-0.030	0.030	0.16	11.8
Aroclor-1260	1	0.000	-0.030	0.030	0.17	
	2	0.000	-0.030	0.030	0.17	0.0

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS Dup

Lab Sample ID: B233449-BSD1 Date(s) Analyzed: 06/18/2019 06/18/2019

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	-0.030	0.030	0.17	
	2	0.000	-0.030	0.030	0.15	12.5
Aroclor-1260	1	0.000	-0.030	0.030	0.17	
	2	0.000	-0.030	0.030	0.17	0.0

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

Matrix Spike

Lab Sample ID: B233449-MS1 Date(s) Analyzed: 06/18/2019 06/18/2019

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	-0.030	0.030	0.20	
	2	0.000	-0.030	0.030	0.18	10.5
Aroclor-1260	1	0.000	-0.030	0.030	0.19	
	2	0.000	-0.030	0.030	0.18	5.4

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

Matrix Spike Dup

Lab Sample ID: B233449-MSD1 Date(s) Analyzed: 06/18/2019 06/18/2019

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	-0.030	0.030	0.21	
	2	0.000	-0.030	0.030	0.19	10.0
Aroclor-1260	1	0.000	-0.030	0.030	0.19	
	2	0.000	-0.030	0.030	0.18	5.4

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
DL-04	Elevated reporting limit due to high concentration of an interfering analyte(s).
J	Detected but below the Reporting Limit (lowest calibration standard); therefore, result is an estimated concentration (CLP J-Flag).
L-04	Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.
L-07	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.
S-01	The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.
V-04	Initial calibration did not meet method specifications. Compound was calibrated using a response factor where %RSD is outside of method specified criteria. Reported result is estimated.
V-05	Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.
V-16	Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy may be associated with reported result.
V-20	Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.
V-34	Initial calibration verification (ICV) did not meet method specifications and was biased on the low side for this compound. Reported result is estimated.
V-35	Initial calibration verification (ICV) did not meet method specifications and was biased on the high side for this compound. Reported result is estimated.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 6010D in Soil	
Arsenic	CT,NH,NY,ME,VA,NC
Barium	CT,NH,NY,ME,VA,NC
Cadmium	CT,NH,NY,ME,VA,NC
Chromium	CT,NH,NY,ME,VA,NC
Lead	CT,NH,NY,AIHA,ME,VA,NC
Selenium	CT,NH,NY,ME,VA,NC
Silver	CT,NH,NY,ME,VA,NC
SW-846 7471B in Soil	
Mercury	CT,NH,NY,NC,ME,VA
SW-846 8082A in Soil	
Aroclor-1016	CT,NH,NY,ME,NC,VA
Aroclor-1016 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1221	CT,NH,NY,ME,NC,VA
Aroclor-1221 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1232	CT,NH,NY,ME,NC,VA
Aroclor-1232 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1242	CT,NH,NY,ME,NC,VA
Aroclor-1242 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1248	CT,NH,NY,ME,NC,VA
Aroclor-1248 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1254	CT,NH,NY,ME,NC,VA
Aroclor-1254 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1260	CT,NH,NY,ME,NC,VA
Aroclor-1260 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1262	NY,NC,VA
Aroclor-1262 [2C]	NY,NC,VA
Aroclor-1268	NY,NC,VA
Aroclor-1268 [2C]	NY,NC,VA
SW-846 8260C in Soil	
Acetone	CT,NH,NY,ME,VA
Acrylonitrile	CT,NH,NY,ME,VA
Benzene	CT,NH,NY,ME,VA
Bromobenzene	NH,NY,ME,VA
Bromochloromethane	NH,NY,ME,VA
Bromodichloromethane	CT,NH,NY,ME,VA
Bromoform	CT,NH,NY,ME,VA
Bromomethane	CT,NH,NY,ME,VA
2-Butanone (MEK)	CT,NH,NY,ME,VA
tert-Butyl Alcohol (TBA)	NY
n-Butylbenzene	CT,NH,NY,ME,VA
sec-Butylbenzene	CT,NH,NY,ME,VA
tert-Butylbenzene	CT,NH,NY,ME,VA
Carbon Disulfide	CT,NH,NY,ME,VA
Carbon Tetrachloride	CT,NH,NY,ME,VA
Chlorobenzene	CT,NH,NY,ME,VA
Chlorodibromomethane	CT,NH,NY,ME,VA

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Soil	
Chloroethane	CT,NH,NY,ME,VA
Chloroform	CT,NH,NY,ME,VA
Chloromethane	CT,NH,NY,ME,VA
2-Chlorotoluene	CT,NH,NY,ME,VA
4-Chlorotoluene	CT,NH,NY,ME,VA
1,2-Dibromo-3-chloropropane (DBCP)	NY
Dibromomethane	NH,NY,ME,VA
1,2-Dichlorobenzene	CT,NH,NY,ME,VA
1,3-Dichlorobenzene	CT,NH,NY,ME,VA
1,4-Dichlorobenzene	CT,NH,NY,ME,VA
trans-1,4-Dichloro-2-butene	NY
Dichlorodifluoromethane (Freon 12)	NH,NY,ME,VA
1,1-Dichloroethane	CT,NH,NY,ME,VA
1,2-Dichloroethane	CT,NH,NY,ME,VA
1,1-Dichloroethylene	CT,NH,NY,ME,VA
cis-1,2-Dichloroethylene	CT,NH,NY,ME,VA
trans-1,2-Dichloroethylene	CT,NH,NY,ME,VA
1,2-Dichloropropane	CT,NH,NY,ME,VA
1,3-Dichloropropane	NH,NY,ME,VA
2,2-Dichloropropane	NH,NY,ME,VA
1,1-Dichloropropene	NH,NY,ME,VA
cis-1,3-Dichloropropene	CT,NH,NY,ME,VA
trans-1,3-Dichloropropene	CT,NH,NY,ME,VA
1,4-Dioxane	NY
Ethylbenzene	CT,NH,NY,ME,VA
Hexachlorobutadiene	NH,NY,ME,VA
2-Hexanone (MBK)	CT,NH,NY,ME,VA
Isopropylbenzene (Cumene)	CT,NH,NY,ME,VA
p-Isopropyltoluene (p-Cymene)	NH,NY
Methyl Acetate	NY
Methyl tert-Butyl Ether (MTBE)	NY,VA
Methyl Cyclohexane	NY
Methylene Chloride	CT,NH,NY,ME,VA
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,VA
Naphthalene	NH,NY,ME,VA
n-Propylbenzene	NH,NY
Styrene	CT,NH,NY,ME,VA
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME,VA
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME,VA
Tetrachloroethylene	CT,NH,NY,ME,VA
Toluene	CT,NH,NY,ME,VA
1,2,3-Trichlorobenzene	NY,ME
1,2,4-Trichlorobenzene	NH,NY,ME,VA
1,3,5-Trichlorobenzene	ME
1,1,1-Trichloroethane	CT,NH,NY,ME,VA
1,1,2-Trichloroethane	CT,NH,NY,ME,VA
Trichloroethylene	CT,NH,NY,ME,VA

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Soil	
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME,VA
1,2,3-Trichloropropane	NH,NY,ME,VA
1,2,4-Trimethylbenzene	CT,NH,NY,ME,VA
1,3,5-Trimethylbenzene	CT,NH,NY,ME,VA
Vinyl Chloride	CT,NH,NY,ME,VA
m+p Xylene	CT,NH,NY,ME,VA
o-Xylene	CT,NH,NY,ME,VA
SW-846 8270D in Soil	
Acenaphthene	CT,NY,NH,ME,NC,VA
Acenaphthylene	CT,NY,NH,ME,NC,VA
Acetophenone	NY,NH,ME,NC,VA
Aniline	NY,NH,ME,NC,VA
Anthracene	CT,NY,NH,ME,NC,VA
Benzidine	CT,NY,NH,ME,NC,VA
Benzo(a)anthracene	CT,NY,NH,ME,NC,VA
Benzo(a)pyrene	CT,NY,NH,ME,NC,VA
Benzo(b)fluoranthene	CT,NY,NH,ME,NC,VA
Benzo(g,h,i)perylene	CT,NY,NH,ME,NC,VA
Benzo(k)fluoranthene	CT,NY,NH,ME,NC,VA
Benzoic Acid	NY,NH,ME,NC,VA
Bis(2-chloroethoxy)methane	CT,NY,NH,ME,NC,VA
Bis(2-chloroethyl)ether	CT,NY,NH,ME,NC,VA
Bis(2-chloroisopropyl)ether	CT,NY,NH,ME,NC,VA
Bis(2-Ethylhexyl)phthalate	CT,NY,NH,ME,NC,VA
4-Bromophenylphenylether	CT,NY,NH,ME,NC,VA
Butylbenzylphthalate	CT,NY,NH,ME,NC,VA
Carbazole	NC
4-Chloroaniline	CT,NY,NH,ME,NC,VA
4-Chloro-3-methylphenol	CT,NY,NH,ME,NC,VA
2-Chloronaphthalene	CT,NY,NH,NC,VA
2-Chlorophenol	CT,NY,NH,ME,NC,VA
4-Chlorophenylphenylether	CT,NY,NH,ME,NC,VA
Chrysene	CT,NY,NH,ME,NC,VA
Dibenz(a,h)anthracene	CT,NY,NH,ME,NC,VA
Dibenzofuran	CT,NY,NH,ME,NC,VA
Di-n-butylphthalate	CT,NY,NH,ME,NC,VA
1,2-Dichlorobenzene	NY,NH,ME,NC,VA
1,3-Dichlorobenzene	NY,NH,ME,NC,VA
1,4-Dichlorobenzene	NY,NH,ME,NC,VA
3,3-Dichlorobenzidine	CT,NY,NH,ME,NC,VA
2,4-Dichlorophenol	CT,NY,NH,ME,NC,VA
Diethylphthalate	CT,NY,NH,ME,NC,VA
2,4-Dimethylphenol	CT,NY,NH,ME,NC,VA
Dimethylphthalate	CT,NY,NH,ME,NC,VA
4,6-Dinitro-2-methylphenol	CT,NY,NH,ME,NC,VA
2,4-Dinitrophenol	CT,NY,NH,ME,NC,VA

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8270D in Soil	
2,4-Dinitrotoluene	CT,NY,NH,ME,NC,VA
2,6-Dinitrotoluene	CT,NY,NH,ME,NC,VA
Di-n-octylphthalate	CT,NY,NH,ME,NC,VA
1,2-Diphenylhydrazine/Azobenzene	NY,NH,ME,NC,VA
Fluoranthene	CT,NY,NH,ME,NC,VA
Fluorene	NY,NH,ME,NC,VA
Hexachlorobenzene	CT,NY,NH,ME,NC,VA
Hexachlorobutadiene	CT,NY,NH,ME,NC,VA
Hexachlorocyclopentadiene	CT,NY,NH,ME,NC,VA
Hexachloroethane	CT,NY,NH,ME,NC,VA
Indeno(1,2,3-cd)pyrene	CT,NY,NH,ME,NC,VA
Isophorone	CT,NY,NH,ME,NC,VA
1-Methylnaphthalene	NC
2-Methylnaphthalene	CT,NY,NH,ME,NC,VA
2-Methylphenol	CT,NY,NH,ME,NC,VA
3/4-Methylphenol	CT,NY,NH,ME,NC,VA
Naphthalene	CT,NY,NH,ME,NC,VA
2-Nitroaniline	CT,NY,NH,ME,NC,VA
3-Nitroaniline	CT,NY,NH,ME,NC,VA
4-Nitroaniline	CT,NY,NH,ME,NC,VA
Nitrobenzene	CT,NY,NH,ME,NC,VA
2-Nitrophenol	CT,NY,NH,ME,NC,VA
4-Nitrophenol	CT,NY,NH,ME,NC,VA
N-Nitrosodimethylamine	CT,NY,NH,ME,NC,VA
N-Nitrosodi-n-propylamine	CT,NY,NH,ME,NC,VA
Pentachloronitrobenzene	NY,NC
Pentachlorophenol	CT,NY,NH,ME,NC,VA
Phenanthrene	CT,NY,NH,ME,NC,VA
Phenol	CT,NY,NH,ME,NC,VA
Pyrene	CT,NY,NH,ME,NC,VA
Pyridine	CT,NY,NH,ME,NC,VA
1,2,4,5-Tetrachlorobenzene	NY,NC
1,2,4-Trichlorobenzene	CT,NY,NH,ME,NC,VA
2,4,5-Trichlorophenol	CT,NY,NH,ME,NC,VA
2,4,6-Trichlorophenol	CT,NY,NH,ME,NC,VA
2-Fluorophenol	NC
SW-846 8270D in Water	
Acenaphthene	CT,NY,NC,ME,NH,VA
Acenaphthylene	CT,NY,NC,ME,NH,VA
Acetophenone	NY,NC
Aniline	CT,NY,NC,ME,VA
Anthracene	CT,NY,NC,ME,NH,VA
Benzidine	CT,NY,NC,ME,NH,VA
Benzo(a)anthracene	CT,NY,NC,ME,NH,VA
Benzo(a)pyrene	CT,NY,NC,ME,NH,VA
Benzo(b)fluoranthene	CT,NY,NC,ME,NH,VA

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8270D in Water	
Benzo(g,h,i)perylene	CT,NY,NC,ME,NH,VA
Benzo(k)fluoranthene	CT,NY,NC,ME,NH,VA
Benzoic Acid	NY,NC,ME,NH,VA
Bis(2-chloroethoxy)methane	CT,NY,NC,ME,NH,VA
Bis(2-chloroethyl)ether	CT,NY,NC,ME,NH,VA
Bis(2-chloroisopropyl)ether	CT,NY,NC,ME,NH,VA
Bis(2-Ethylhexyl)phthalate	CT,NY,NC,ME,NH,VA
4-Bromophenylphenylether	CT,NY,NC,ME,NH,VA
Butylbenzylphthalate	CT,NY,NC,ME,NH,VA
Carbazole	NC
4-Chloroaniline	CT,NY,NC,ME,NH,VA
4-Chloro-3-methylphenol	CT,NY,NC,ME,NH,VA
2-Chloronaphthalene	CT,NY,NC,ME,NH,VA
2-Chlorophenol	CT,NY,NC,ME,NH,VA
4-Chlorophenylphenylether	CT,NY,NC,ME,NH,VA
Chrysene	CT,NY,NC,ME,NH,VA
Dibenz(a,h)anthracene	CT,NY,NC,ME,NH,VA
Dibenzofuran	CT,NY,NC,ME,NH,VA
Di-n-butylphthalate	CT,NY,NC,ME,NH,VA
1,2-Dichlorobenzene	CT,NY,NC,ME,NH,VA
1,3-Dichlorobenzene	CT,NY,NC,ME,NH,VA
1,4-Dichlorobenzene	CT,NY,NC,ME,NH,VA
3,3-Dichlorobenzidine	CT,NY,NC,ME,NH,VA
2,4-Dichlorophenol	CT,NY,NC,ME,NH,VA
Diethylphthalate	CT,NY,NC,ME,NH,VA
2,4-Dimethylphenol	CT,NY,NC,ME,NH,VA
Dimethylphthalate	CT,NY,NC,ME,NH,VA
4,6-Dinitro-2-methylphenol	CT,NY,NC,ME,NH,VA
2,4-Dinitrophenol	CT,NY,NC,ME,NH,VA
2,4-Dinitrotoluene	CT,NY,NC,ME,NH,VA
2,6-Dinitrotoluene	CT,NY,NC,ME,NH,VA
Di-n-octylphthalate	CT,NY,NC,ME,NH,VA
1,2-Diphenylhydrazine/Azobenzene	NY,NC
Fluoranthene	CT,NY,NC,ME,NH,VA
Fluorene	NY,NC,ME,NH,VA
Hexachlorobenzene	CT,NY,NC,ME,NH,VA
Hexachlorobutadiene	CT,NY,NC,ME,NH,VA
Hexachlorocyclopentadiene	CT,NY,NC,ME,NH,VA
Hexachloroethane	CT,NY,NC,ME,NH,VA
Indeno(1,2,3-cd)pyrene	CT,NY,NC,ME,NH,VA
Isophorone	CT,NY,NC,ME,NH,VA
1-Methylnaphthalene	NC
2-Methylnaphthalene	CT,NY,NC,ME,NH,VA
2-Methylphenol	CT,NY,NC,NH,VA
3/4-Methylphenol	CT,NY,NC,NH,VA
Naphthalene	CT,NY,NC,ME,NH,VA
2-Nitroaniline	CT,NY,NC,ME,NH,VA

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8270D in Water	
3-Nitroaniline	CT,NY,NC,ME,NH,VA
4-Nitroaniline	CT,NY,NC,ME,NH,VA
Nitrobenzene	CT,NY,NC,ME,NH,VA
2-Nitrophenol	CT,NY,NC,ME,NH,VA
4-Nitrophenol	CT,NY,NC,ME,NH,VA
N-Nitrosodimethylamine	CT,NY,NC,ME,NH,VA
N-Nitrosodi-n-propylamine	CT,NY,NC,ME,NH,VA
Pentachloronitrobenzene	NC
Pentachlorophenol	CT,NY,NC,ME,NH,VA
Phenanthrene	CT,NY,NC,ME,NH,VA
Phenol	CT,NY,NC,ME,NH,VA
Pyrene	CT,NY,NC,ME,NH,VA
Pyridine	CT,NY,NC,ME,NH,VA
1,2,4,5-Tetrachlorobenzene	NY,NC
1,2,4-Trichlorobenzene	CT,NY,NC,ME,NH,VA
2,4,5-Trichlorophenol	CT,NY,NC,ME,NH,VA
2,4,6-Trichlorophenol	CT,NY,NC,ME,NH,VA
2-Fluorophenol	NC

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2005	100033	03/1/2020
MA	Massachusetts DEP	M-MA100	06/30/2020
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2019
NY	New York State Department of Health	10899 NELAP	04/1/2020
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2020
RI	Rhode Island Department of Health	LAO00112	12/30/2019
NC	North Carolina Div. of Water Quality	652	12/31/2019
NJ	New Jersey DEP	MA007 NELAP	06/30/2020
FL	Florida Department of Health	E871027 NELAP	06/30/2020
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2019
ME	State of Maine	2011028	06/9/2021
VA	Commonwealth of Virginia	460217	12/14/2019
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2019
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2020
NC-DW	North Carolina Department of Health	25703	07/31/2019

con-test ANALYTICAL LABORATORY
Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com
39 Spruce Street
East Longmeadow, MA 01028

19F0630

CHAIN OF CUSTODY RECORD

MEK

Company Name: Sampson & Sampson
Address: 55 Walkers Brook Dr, Ste 100, Reading, MA
Phone: 1-800-Sampson
Project Name: 615 Broadway, Kingston Brownfields
Project Location: 615 Broadway, Kingston, NY
Project Number: N2180061
Project Manager: Steve Shaw
Con-Test Quote Name/Number:
Invoice Recipient:
Sampled By: JKM

Requested Turnaround Time
7-Day ☐ 10-Day ☐
Due Date: 5-day TAT

Rush Approval Required
1-Day ☐ 3-Day ☐
2-Day ☐ 4-Day ☐

Data Delivery
Format: PDF ☐ EXCEL ☐
Other:
CLP Like Data Pkg Required: ☐
Email To:
Fax To #:

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	[1]Matrix Code	Conc Code	VOCs 8260	VOCs 8260	SVOCs 8270	RCRA 8 metals 6010/7470	PCBs 8082						# of Containers
								1	2	1	1	1						[2] Preservation Code
								V	V	A	A	A						[3] Container Code
1	SB-2 (0-2')	6/11/19	0805		✓	S	U	X	X	X	X	X						
2	SB-2 (16-18')	6/11/19	0815		✓	S	U	X	X	X	X	X						
3	SB-3 (0-2')	6/11/19	0850		✓	S	U	X	X	X	X	X						
4	SB-3 (16-18')	6/11/19	0905		✓	S	U	X	X	X	X	X						
5	SB-4 (0-2')	6/11/19	1030		✓	S	U	X	X	X	X							
6	SB-4 (18-20')	6/11/19	1105		✓	S	U	X	X	X	X							
7	SB-5 (0-2')	6/11/19	1240		✓	S	U	X	X	X	X	X						
8	SB-5 (17-19')	6/11/19	1300		✓	S	U	X	X	X	X	X						
9	SB-1 (0-2')	6/10/19	1450		✓	S	U	X	X	X								
10	SB-1 (17.5-19.5')	6/10/19	1520		✓	S	U	X	X	X								

ANALYSIS REQUESTED

Dissolved Metals Samples:
○ Field Filtered
○ Lab to Filter

Orthophosphate Samples:
○ Field Filtered
○ Lab to Filter

[1] **Matrix Codes:**
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define)

[2] **Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

[3] **Container Codes:**
A = Amber Glass
G = Glass
P = Plastic
ST = Sterile
V = Vial
S = Summa Canister
T = Tedlar Bag
O = Other (please define)

Comments: Please email results to: murphy@waseinc.com
shaws@waseinc.com
** Please report to MDL for all compounds

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time: 6/12/19 10:35 Am	**Detection Limit Requirements**	**Special Requirements**
Received by: (signature)	Date/Time: 6-12-19 10:35 Am	MA	☐ MA MCP Required
Relinquished by: (signature)	Date/Time: 6-12-19 12:05 Pm		MCP Certification Form Required
Received by: (signature)	Date/Time: 6-12-19 18:05		☐ CT RCP Required
Relinquished by: (signature)	Date/Time: 6-12-19 17:30	CT	RCP Certification Form Required
Received by: (signature)	Date/Time: 6/12/19 17:30		☐ MA State DW Required
		Other:	PWSID #

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Project Entity
☐ Government ☐ Municipality ☐ MWRA ☐ WRTA
☐ Federal ☐ 21 J ☐ School
☐ City ☐ Brownfield ☐ MBTA

Other
☐ Chromatogram
☐ *AIHA-LAP,LLC*

PCB ONLY
☒ Soxhlet
☐ Non Soxhlet

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19F0628-p

http://www.contestlabs.com

Doc # 381 Rev 1_03242017

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

MEK

Company Name: Weston & Sampson
Address: 55 Walkers Brook Dr, Ste 100, Reading, MA
Phone: 1-800-Sampson
Project Name: ~~615~~ Kingston Brownfields
Project Location: 615 Broadway, Kingston, NY
Project Number: N2180061
Project Manager: Steve Shaw
Con-Test Quote Name/Number:
Invoice Recipient:
Sampled By: JKM

Required Turnaround Time
7-Day ☐ 10-Day ☐
Due Date: 5-day TAT

Rush Approval Required
1-Day ☐ 3-Day ☐
2-Day ☐ 4-Day ☐

Data Delivery
Format: PDF ☒ EXCEL ☒
Other:
CLP Like Data Pkg Required: ☐
Email To:
Fax To #:

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	[1]Matrix Code	Conc Code	VOCs 8260	VOCs 8260	SVOCs 8270	RCRA8 metals 6010/7470	PCBs 8082	# of Containers	[2] Preservation Code	[3] Container Code
								1	2	1	1	1			
								M	B	I	I	I			
								V	V	A	A	A			
11	SB-6 (0-2')	6/11/19	1440		X	S	U	X	X	X	X				
12	SB-6 (16-18')	6/11/19	1500		↓	↓	↓	X	X	X	X				
13	SB-7 (0-2')	6/12/19	0740					X	X	X	X				
14	SB-7 (18-20')	6/12/19	0815					X	X	X	X				
15	SB-8 (0-2')	6/12/19	0855					X	X	X	X				
16	SB-8C	6/12/19	0905					X	X	X	X				
17	SB-DUP	6/11/19			↓	↓	↓	X	X	X	X	X			

ANALYSIS REQUESTED

Dissolved Metals Samples
○ Field Filtered
○ Lab to Filter

Orthophosphate Samples
○ Field Filtered
○ Lab to Filter

[1] **Matrix Codes:**
GW = Ground Water
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DW = Drinking Water
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[2] **Preservation Codes:**
I = Iced
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M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

[3] **Container Codes:**
A = Amber Glass
G = Glass
P = Plastic
ST = Sterile
V = Vial
S = Summa Canister
T = Tedlar Bag
O = Other (please define)

Comments:
** Please report to MDL for all compounds

Please use the following codes to indicate possible sample concentration within the **Conc Code** column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

	Relinquished by: (signature)	Date/Time:	Received by: (signature)	Date/Time:
1		6/12/19 10:31		
2				6-12-19 10:35
3		6-12-19 12:05		
4		6/12/19 12:05		
5		6-12-19 17:30		
6	2.6	6/12/19 17:30		

Detection Limit Requirements
MA
Other

Special Requirements
☐ MA MCP Required
MCP Certification Form Required
☐ CT RCP Required
RCP Certification Form Required
☐ MA State DW Required
PWSID #

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Project Entity
☐ Government ☐ Municipality ☐ MWRA ☐ WRTA
☐ Federal ☐ 21 J ☐ School
☐ City ☐ Brownfield ☐ MBTA

Other
☐ Chromatogram
☐ *AIHA-LAP,LLC*

PCB ONLY
☒ Soxhlet
☐ Non Soxhlet

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I Have Not Confirmed Sample Container Numbers With Lab Staff Before Relinquishing Over Samples_____

con-test® ANALYTICAL LABORATORY

Doc# 277 Rev 5 2017

Login Sample Receipt Checklist - (Rejection Criteria Listing - Using Acceptance Policy) Any False Statement will be brought to the attention of the Client - State True or False

Client WFS

Received By up Date 6/12/19 Time 17:30

How were the samples received? In Cooler T No Cooler _____ On Ice T No Ice _____

Direct from Sampling _____ Ambient _____ Melted Ice _____

By Gun # 1 Actual Temp - 2.6

Were samples within Temperature? 2-6°C T By Blank # _____ Actual Temp - _____

Was Custody Seal Intact? N/A Were Samples Tampered with? N/A

Was COC Relinquished ? T Does Chain Agree With Samples? T

Are there broken/leaking/loose caps on any samples? F

Is COC in ink/ Legible? T Were samples received within holding time? T

Did COC include all pertinent Information? Client T Analysis T Sampler Name T

Project T ID's T Collection Dates/Times T

Are Sample labels filled out and legible? T

Are there Lab to Filters? F Who was notified? _____

Are there Rushes? F Who was notified? _____

Are there Short Holds? F Who was notified? _____

Is there enough Volume? T

Is there Headspace where applicable? N/A MS/MSD? F

Proper Media/Containers Used? T Is splitting samples required? F

Were trip blanks received? F On COC? F

Do all samples have the proper pH? N/A Acid _____ Base _____

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	17
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-	17	250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-	34	Flashpoint		Col./Bacteria		2oz Amb/Clear	
DI-		Other Glass		Other Plastic		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Unused Media

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-		Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Comments:

SB-6 containers labeled as SB-5, matched by times

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July 3, 2019

Steve Shaw
Weston & Sampson - Waterbury, VT
98 South Main Street
Waterbury, VT 05676

Project Location: 615 Broadway, Kingston, NY
Client Job Number:
Project Number: N2180061
Laboratory Work Order Number: 19F1500

Enclosed are results of analyses for samples received by the laboratory on June 27, 2019. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Meghan E. Kelley
Project Manager

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Weston & Sampson - Waterbury, VT
98 South Main Street
Waterbury, VT 05676
ATTN: Steve Shaw

REPORT DATE: 7/3/2019

PURCHASE ORDER NUMBER:

PROJECT NUMBER: N2180061

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 19F1500

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 615 Broadway, Kingston, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
SB-1 (0-2)	19F1500-01	Soil		SM 2540G	
				SW-846 6010D	
				SW-846 7471B	
SB-1 (17.5-19.5)	19F1500-02	Soil		SM 2540G	
				SW-846 6010D	
				SW-846 7471B	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Tod E. Kopyscinski
Laboratory Director

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F1500

Date Received: 6/27/2019

Field Sample #: SB-1 (0-2) Sampled: 6/10/2019 14:50

Sample ID: 19F1500-01

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	7.8	1.8	0.90	mg/Kg dry	1		SW-846 6010D	6/27/19	6/28/19 13:39	EJB
Barium	75	1.8	0.88	mg/Kg dry	1		SW-846 6010D	6/27/19	6/28/19 13:39	EJB
Cadmium	0.89	0.18	0.11	mg/Kg dry	1		SW-846 6010D	6/27/19	6/28/19 13:39	EJB
Chromium	16	0.35	0.22	mg/Kg dry	1		SW-846 6010D	6/27/19	6/28/19 13:39	EJB
Lead	100	0.53	0.31	mg/Kg dry	1		SW-846 6010D	6/27/19	6/28/19 13:39	EJB
Mercury	0.29	0.028	0.0085	mg/Kg dry	1		SW-846 7471B	7/1/19	7/2/19 15:26	AJL
Selenium	ND	3.5	2.9	mg/Kg dry	1		SW-846 6010D	6/27/19	6/28/19 13:39	EJB
Silver	ND	0.35	0.21	mg/Kg dry	1		SW-846 6010D	6/27/19	6/28/19 13:39	EJB

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F1500

Date Received: 6/27/2019

Field Sample #: SB-1 (0-2) Sampled: 6/10/2019 14:50

Sample ID: 19F1500-01

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	90.7		% Wt	1		SM 2540G	6/28/19	6/28/19 13:17	JDN

con-test® ANALYTICAL LABORATORY
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Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F1500

Date Received: 6/27/2019

Field Sample #: SB-1 (17.5-19.5) Sampled: 6/10/2019 15:20

Sample ID: 19F1500-02

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	3.2	1.7	0.86	mg/Kg dry	1		SW-846 6010D	6/27/19	6/28/19 13:57	MJH
Barium	28	1.7	0.84	mg/Kg dry	1		SW-846 6010D	6/27/19	6/28/19 13:57	MJH
Cadmium	0.18	0.17	0.10	mg/Kg dry	1		SW-846 6010D	6/27/19	6/28/19 13:57	MJH
Chromium	8.5	0.34	0.21	mg/Kg dry	1		SW-846 6010D	6/27/19	6/28/19 13:57	MJH
Lead	6.0	0.51	0.30	mg/Kg dry	1		SW-846 6010D	6/27/19	6/28/19 13:57	MJH
Mercury	ND	0.026	0.0078	mg/Kg dry	1		SW-846 7471B	7/1/19	7/2/19 15:23	AJL
Selenium	ND	3.4	2.8	mg/Kg dry	1		SW-846 6010D	6/27/19	6/28/19 13:57	MJH
Silver	ND	0.34	0.20	mg/Kg dry	1		SW-846 6010D	6/27/19	6/28/19 13:57	MJH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F1500

Date Received: 6/27/2019

Field Sample #: SB-1 (17.5-19.5) Sampled: 6/10/2019 15:20

Sample ID: 19F1500-02

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	95.7		% Wt	1		SM 2540G	6/28/19	6/28/19 13:17	JDN

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
19F1500-01 [SB-1 (0-2)]	B234458	06/28/19
19F1500-02 [SB-1 (17.5-19.5)]	B234458	06/28/19

Prep Method: SW-846 3050B-SW-846 6010D

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
19F1500-01 [SB-1 (0-2)]	B234367	1.55	50.0	06/27/19
19F1500-02 [SB-1 (17.5-19.5)]	B234367	1.54	50.0	06/27/19

Prep Method: SW-846 7471-SW-846 7471B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
19F1500-01 [SB-1 (0-2)]	B234567	0.580	50.0	07/01/19
19F1500-02 [SB-1 (17.5-19.5)]	B234567	0.604	50.0	07/01/19

con-test® ANALYTICAL LABORATORY
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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B234367 - SW-846 3050B										
Blank (B234367-BLK1)				Prepared: 06/27/19 Analyzed: 06/28/19						
Arsenic	ND	1.7	mg/Kg wet							
Barium	ND	1.7	mg/Kg wet							
Cadmium	ND	0.17	mg/Kg wet							
Chromium	ND	0.33	mg/Kg wet							
Lead	ND	0.50	mg/Kg wet							
Selenium	ND	3.3	mg/Kg wet							
Silver	ND	0.33	mg/Kg wet							
LCS (B234367-BS1)				Prepared: 06/27/19 Analyzed: 06/28/19						
Arsenic	77.8	4.9	mg/Kg wet	77.2		101	82.4-117.4			
Barium	410	4.9	mg/Kg wet	391		105	82-118			
Cadmium	166	0.49	mg/Kg wet	182		91.4	83.1-117.5			
Chromium	285	0.99	mg/Kg wet	272		105	81.5-118.5			
Lead	258	1.5	mg/Kg wet	241		107	81.8-118.2			
Selenium	219	9.9	mg/Kg wet	216		102	79-121.5			
Silver	79.7	0.99	mg/Kg wet	66.3		120	79.6-120.4			
LCS Dup (B234367-BSD1)				Prepared: 06/27/19 Analyzed: 06/28/19						
Arsenic	75.3	4.7	mg/Kg wet	77.2		97.6	82.4-117.4	3.20	30	
Barium	406	4.7	mg/Kg wet	391		104	82-118	1.08	20	
Cadmium	165	0.47	mg/Kg wet	182		90.6	83.1-117.5	0.952	20	
Chromium	280	0.94	mg/Kg wet	272		103	81.5-118.5	2.11	30	
Lead	252	1.4	mg/Kg wet	241		104	81.8-118.2	2.52	30	
Selenium	210	9.4	mg/Kg wet	216		97.1	79-121.5	4.46	30	
Silver	76.6	0.94	mg/Kg wet	66.3		115	79.6-120.4	3.99	30	
MRL Check (B234367-MRL1)				Prepared: 06/27/19 Analyzed: 06/28/19						
Lead	0.538	0.49	mg/Kg wet	0.494		109	80-120			
Batch B234567 - SW-846 7471										
Blank (B234567-BLK1)				Prepared: 07/01/19 Analyzed: 07/02/19						
Mercury	ND	0.025	mg/Kg wet							
LCS (B234567-BS1)				Prepared: 07/01/19 Analyzed: 07/02/19						
Mercury	20.7	1.9	mg/Kg wet	27.3		75.9	64-136.5			
LCS Dup (B234567-BSD1)				Prepared: 07/01/19 Analyzed: 07/02/19						
Mercury	22.0	1.9	mg/Kg wet	27.3		80.5	64-136.5	5.86	20	
Duplicate (B234567-DUP1)		**Source: 19F1500-02**		Prepared: 07/01/19 Analyzed: 07/02/19						
Mercury	ND	0.026	mg/Kg dry		ND			NC	35	

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B234567 - SW-846 7471										
Matrix Spike (B234567-MS1)		**Source: 19F1500-02**		Prepared: 07/01/19 Analyzed: 07/02/19						
Mercury	0.348	0.026	mg/Kg dry	0.342	ND	102	75-125			

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level

Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.

No results have been blank subtracted unless specified in the case narrative section.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 6010D in Soil	
Arsenic	CT,NH,NY,ME,VA,NC
Barium	CT,NH,NY,ME,VA,NC
Cadmium	CT,NH,NY,ME,VA,NC
Chromium	CT,NH,NY,ME,VA,NC
Lead	CT,NH,NY,AIHA,ME,VA,NC
Selenium	CT,NH,NY,ME,VA,NC
Silver	CT,NH,NY,ME,VA,NC
SW-846 7471B in Soil	
Mercury	CT,NH,NY,NC,ME,VA

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2005	100033	03/1/2020
MA	Massachusetts DEP	M-MA100	06/30/2020
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2019
NY	New York State Department of Health	10899 NELAP	04/1/2020
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2020
RI	Rhode Island Department of Health	LAO00112	12/30/2019
NC	North Carolina Div. of Water Quality	652	12/31/2019
NJ	New Jersey DEP	MA007 NELAP	06/30/2020
FL	Florida Department of Health	E871027 NELAP	06/30/2020
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2020
ME	State of Maine	2011028	06/9/2021
VA	Commonwealth of Virginia	460217	12/14/2019
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2019
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2020
NC-DW	North Carolina Department of Health	25703	07/31/2019
PA	Commonwealth of Pennsylvania DEP	68-05812	06/30/2020

con-test ANALYTICAL LABORATORY

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Fax: 413-525-6405
Email: info@contestlabs.com

http://www.contestlabs.com

CHAIN OF CUSTODY RECORD

Doc # 381 Rev 1_03242017

39 Spruce Street
East Longmeadow, MA 01028

Page 1 of 2

MAK 6/27/19

19F-0630

MEK

KA1500

Company Name: Weston & Sampson
Address: 55 Walkers Brook Dr, Ste 100, Reading, MA
Phone: 1-800-Sampson
Project Name: 615 Broadway, Kingston Brownfield
Project Location: 615 Broadway, Kingston, NY
Project Number: N7180061
Project Manager: Steve Shaw
Con-Test Quote Name/Number:
Invoice Recipient:
Sampled By: JKM

Requested Turnaround Time
7-Day ☐ 10-Day ☐
Due Date: 5-day TAT

Rush Approval Required
1-Day ☐ 3-Day ☐
2-Day ☐ 4-Day ☐

Data Delivery
Format: PDF ☐ EXCEL ☐
Other:
CLP Like Data Pkg Required: ☐
Email To:
Fax To #:

Con-Test Work Order#		Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	Matrix Code	Conc Code	VOCs 8260	VOCs 8260	SVOCs 8270	RCRA 8 metals (cadmium to lead)	PCBs 8082	TCLP-8 MetMS							# of Containers
	1	SB-2 (0-2')	6/11/19	0805		✓	S	U	X	X	X	X	X								1
	2	SB-2 (16-18')	6/11/19	0815		✓	S	U	X	X	X	X	X								1
	3	SB-3 (0-2')	6/11/19	0850		✓	S	U	X	X	X	X	X								1
	4	SB-3 (16-18')	6/11/19	0905		✓	S	U	X	X	X	X	X								1
	5	SB-4 (0-2')	6/11/19	1030		✓	S	U	X	X	X	X									1
	6	SB-4 (18-20')	6/11/19	1105		✓	S	U	X	X	X	X									1
	7	SB-5 (0-2')	6/11/19	1240		✓	S	U	X	X	X	X	X								1
	8	SB-5 (17-19')	6/11/19	1300		✓	S	U	X	X	X	X	X								1
-01	9	SB-1 (0-2')	6/10/19	1450		✓	S	U	X	X	X			X							1
-02	10	SB-1 (17.5-19.5')	6/10/19	1520		✓	S	U	X	X	X			X							1

ANALYSIS REQUESTED

																					# of Containers
1	2	1	1	1																	[2] Preservation Code
M	B	I	I	I																	[3] Container Code
V	V	A	A	A																	

Dissolved Metals Samples
○ Field Filtered
○ Lab to Filter

Orthophosphate Samples
○ Field Filtered
○ Lab to Filter

Comments: Please email results to: murphy@wseinc.com
shaws@wseinc.com
** Please report to MDL for all compounds

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

[1] **Matrix Codes:**
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define)

[2] **Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

[3] **Container Codes:**
A = Amber Glass
G = Glass
P = Plastic
ST = Sterile
V = Vial
S = Summa Canister
T = Tedlar Bag
O = Other (please define)

Relinquished by: (signature)	Date/Time:
	6/12/19 10:35
Received by: (signature)	Date/Time:
	6-12-19 10:35
Relinquished by: (signature)	Date/Time:
	6-12-19 12:05
Received by: (signature)	Date/Time:
Paul Racicot	6-12-19 12:05
Relinquished by: (signature)	Date/Time:
Paul Racicot	6-12-19 17:30
Received by: (signature)	Date/Time:
2.6	6/12/19 17:30

Detection Limit Requirements
MA
GT
Other:

Special Requirements
☐ MA MCP Required
MCP Certification Form Required
☐ CT RCP Required
RCP Certification Form Required
☐ MA State DW Required
PWSID #

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Project Entity
☐ Government ☐ Municipality ☐ MWRA ☐ WRTA
☐ Federal ☐ 21 J ☐ School
☐ City ☐ Brownfield ☐ MBTA

Other
☐ Chromatogram
☐ AIHA-LAP, LLC

PCB ONLY
☒ Soxhlet
☐ Non Soxhlet

Per MCP-6 metals per Chem Suite - MEK 6/27/19

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Email: info@contestlabs.com

19F0628-p

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

MEK

Company Name: Weston & Sampson
Address: 55 Walkers Brook Dr, Ste 100, Reading, MA
Phone: 1-800-Sampson
Project Name: ~~EPS~~ Kingston Brownfields
Project Location: 615 Broadway, Kingston, NY
Project Number: N2190061
Project Manager: Steve Shaw
Con-Test Quote Name/Number:
Invoice Recipient:
Sampled By: JKM

Turnaround Time Requested (TAT)
7-Day ☐ 10-Day ☐
Due Date: 5-day TAT

Standard Reporting
1-Day ☐ 3-Day ☐
2-Day ☐ 4-Day ☐

Data Delivery
Format: PDF ☒ EXCEL ☒
Other:
CLP Like Data Pkg Required: ☐
Email To:
Fax To #:

ANALYSIS REQUESTED

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	Matrix Code	Conc Code	VOCs 8260	VOCs 8260	SVOCs 8270	RCRA8 metals 6010/7471	PCBs 8082
11	SB-#6 (0-2')	6/11/19	1440		X	S	U	X	X	X	X	
12	SB-6 (16-18')	6/11/19	1500					X	X	X	X	
13	SB-7 (0-2')	6/12/19	0740					X	X	X	X	
14	SB-7 (18-20')	6/12/19	0815					X	X	X	X	
15	SB-8 (0-2')	6/12/19	0855					X	X	X	X	
16	SB-BC	6/12/19	0905					X	X	X	X	
17	SB-DUP	6/11/19						X	X	X	X	X

1	M	V
2	B	V
1	I	A
1	I	A
1	I	A

[1] Matrix Codes
[2] Preservation Codes
[3] Container Codes

Dissolved Metals Samples
☐ Field Filtered
☐ Lab to Filter

Total Phosphorus Samples
☐ Field Filtered
☐ Lab to Filter

[1] Matrix Codes:
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define)

[2] Preservation Codes:
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

[3] Container Codes:
A = Amber Glass
G = Glass
P = Plastic
ST = Sterile
V = Vial
S = Summa Canister
T = Tedlar Bag
O = Other (please define)

Comments:
** Please report to MDL for all compounds

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:
	6/12/19 10:37
Received by: (signature)	Date/Time:
	6-12-19 10:75
Relinquished by: (signature)	Date/Time:
	6-12-19 12:05
Received by: (signature)	Date/Time:
Paul Parent	6/12/19 12:05
Relinquished by: (signature)	Date/Time:
Paul Parent	6-12-19 17:30
Received by: (signature)	Date/Time:
	6/12/19 17:30

Special Requirements
☐ MA MCP Required
☐ MCP Certification Form Required
☐ CT RCP Required
☐ RCP Certification Form Required
☐ MA State DW Required
PWSID #

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Project Entity
☐ Government ☐ Municipality ☐ MWRA ☐ WRTA
☐ Federal ☐ 21 J ☐ School
☐ City ☐ Brownfield ☐ MBTA

Other
☐ Chromatogram
☐ AIHA-LAP, LLC

PCB ONLY
☒ Soxhlet
☐ Non Soxhlet

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I Have Not Confirmed Sample Container Numbers With Lab Staff Before Relinquishing Over Samples_____

con-test® ANALYTICAL LABORATORY

Doc# 277 Rev 5 2017

Login Sample Receipt Checklist - (Rejection Criteria Listing - Using Acceptance Policy) Any False Statement will be brought to the attention of the Client - State True or False

Client WTS

Received By MP Date 6/12/19 Time 17:30

How were the samples received? In Cooler T No Cooler _____ On Ice T No Ice _____

Direct from Sampling _____ Ambient _____ Melted Ice _____

By Gun # 1 Actual Temp - 2.6

Were samples within Temperature? 2-6°C T By Blank # _____ Actual Temp - _____

Was Custody Seal Intact? N/A Were Samples Tampered with? N/A

Was COC Relinquished ? T Does Chain Agree With Samples? T

Are there broken/leaking/loose caps on any samples? F

Is COC in ink/ Legible? T Were samples received within holding time? T

Did COC include all pertinent Information? Client T Analysis T Sampler Name T

Project T ID's T Collection Dates/Times T

Are Sample labels filled out and legible? T

Are there Lab to Filters? F Who was notified? _____

Are there Rushes? F Who was notified? _____

Are there Short Holds? F Who was notified? _____

Is there enough Volume? T

Is there Headspace where applicable? N/A MS/MSD? F

Proper Media/Containers Used? T Is splitting samples required? F

Were trip blanks received? F On COC? F

Do all samples have the proper pH? N/A Acid _____ Base _____

Vials	#	Containers	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	17
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-	17	250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-	34	Flashpoint		Col./Bacteria		2oz Amb/Clear	
DI-		Other Glass		Other Plastic		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Unused Media

Vials	#	Containers	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-		Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Comments:

SB-6 containers labeled as SB-5, matched by times

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June 28, 2019

Steve Shaw
Weston & Sampson - Waterbury, VT
98 South Main Street
Waterbury, VT 05676

Project Location: 615 Broadway
Client Job Number:
Project Number: N2180061
Laboratory Work Order Number: 19F1123

Enclosed are results of analyses for samples received by the laboratory on June 20, 2019. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Meghan E. Kelley
Project Manager

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Weston & Sampson - Waterbury, VT
98 South Main Street
Waterbury, VT 05676
ATTN: Steve Shaw

REPORT DATE: 6/28/2019

PURCHASE ORDER NUMBER:

PROJECT NUMBER: N2180061

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 19F1123

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 615 Broadway

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
MW-1	19F1123-01	Ground Water		SW-846 6020B	
				SW-846 7470A	
				SW-846 8260C	
				SW-846 8270D	
MW-2	19F1123-02	Ground Water		SW-846 6020B	
				SW-846 7470A	
				SW-846 8082A	
				SW-846 8260C	
				SW-846 8270D	
MW-3	19F1123-03	Ground Water		SW-846 6020B	
				SW-846 7470A	
				SW-846 8260C	
				SW-846 8270D	
MW-4	19F1123-04	Ground Water		SW-846 6020B	
				SW-846 7470A	
				SW-846 8082A	
				SW-846 8260C	
				SW-846 8270D	
MW-5	19F1123-05	Ground Water		SW-846 6020B	
				SW-846 7470A	
				SW-846 8260C	
				SW-846 8270D	
MW-6	19F1123-06	Ground Water		SW-846 6020B	
				SW-846 7470A	
				SW-846 8260C	
				SW-846 8270D	
DUP	19F1123-07	Ground Water		SW-846 6020B	
				SW-846 7470A	
				SW-846 8082A	
				SW-846 8260C	
				SW-846 8270D	
Trip Blank	19F1123-08	Trip Blank Water		SW-846 8260C	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

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SW-846 6020B

Qualifications:

B

Analyte is found in the associated laboratory blank as well as in the sample.

Analyte & Samples(s) Qualified:

Chromium
19F1123-01[MW-1], 19F1123-02[MW-2], 19F1123-03[MW-3], 19F1123-04[MW-4], 19F1123-05[MW-5], 19F1123-06[MW-6], 19F1123-07[DUP], B234110-BLK1, B234110-DUP1

SW-846 8260C

Qualifications:

V-20

Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:

Bromomethane
B233900-BS1, B233900-BSD1, S037370-CCV1

Chloromethane
B233900-BS1, B233900-BSD1, S037370-CCV1

SW-846 8270D

Qualifications:

L-04

Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

Hexachlorocyclopentadiene
19F1123-01[MW-1], 19F1123-02[MW-2], 19F1123-03[MW-3], 19F1123-04[MW-4], 19F1123-05[MW-5], 19F1123-06[MW-6], 19F1123-07[DUP], B233869-BLK1, B233869-BS1, B233869-BSD1

R-05

Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.

Analyte & Samples(s) Qualified:

Benzidine
19F1123-01[MW-1], 19F1123-02[MW-2], 19F1123-03[MW-3], 19F1123-04[MW-4], 19F1123-05[MW-5], 19F1123-06[MW-6], 19F1123-07[DUP], B233869-BLK1, B233869-BS1, B233869-BSD1

V-04

Initial calibration did not meet method specifications. Compound was calibrated using a response factor where %RSD is outside of method specified criteria. Reported result is estimated.

Analyte & Samples(s) Qualified:

Benzidine
19F1123-01[MW-1], 19F1123-02[MW-2], 19F1123-03[MW-3], 19F1123-04[MW-4], 19F1123-05[MW-5], 19F1123-06[MW-6], 19F1123-07[DUP], B233869-BLK1, B233869-BS1, B233869-BSD1, S037414-CCV1, S037429-CCV1

V-05

Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.

Analyte & Samples(s) Qualified:

Benzidine
19F1123-01[MW-1], 19F1123-02[MW-2], 19F1123-03[MW-3], 19F1123-04[MW-4], 19F1123-05[MW-5], 19F1123-06[MW-6], 19F1123-07[DUP], S037429-CCV1

Hexachlorocyclopentadiene
19F1123-01[MW-1], 19F1123-02[MW-2], 19F1123-03[MW-3], 19F1123-04[MW-4], 19F1123-05[MW-5], 19F1123-06[MW-6], 19F1123-07[DUP], B233869-BLK1, B233869-BS1, B233869-BSD1, S037414-CCV1, S037429-CCV1

V-06

Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side for this compound.

Analyte & Samples(s) Qualified:

4-Nitrophenol
B233869-BS1, B233869-BSD1, S037414-CCV1, S037429-CCV1

N-Nitrosodimethylamine
B233869-BS1, B233869-BSD1, S037414-CCV1, S037429-CCV1

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

V-20

Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:

4-Nitrophenol

19F1123-01[MW-1], 19F1123-02[MW-2], 19F1123-03[MW-3], 19F1123-04[MW-4], 19F1123-05[MW-5], 19F1123-06[MW-6], 19F1123-07[DUP], B233869-BLK1

N-Nitrosodimethylamine

19F1123-01[MW-1], 19F1123-02[MW-2], 19F1123-03[MW-3], 19F1123-04[MW-4], 19F1123-05[MW-5], 19F1123-06[MW-6], 19F1123-07[DUP], B233869-BLK1

V-34

Initial calibration verification (ICV) did not meet method specifications and was biased on the low side for this compound. Reported result is estimated.

Analyte & Samples(s) Qualified:

4-Chloroaniline

19F1123-01[MW-1], 19F1123-02[MW-2], 19F1123-03[MW-3], 19F1123-04[MW-4], 19F1123-05[MW-5], 19F1123-06[MW-6], 19F1123-07[DUP], B233869-BLK1, B233869-BS1, B233869-BSD1, S037414-CCV1, S037429-CCV1

Aniline

19F1123-01[MW-1], 19F1123-02[MW-2], 19F1123-03[MW-3], 19F1123-04[MW-4], 19F1123-05[MW-5], 19F1123-06[MW-6], 19F1123-07[DUP], B233869-BLK1, B233869-BS1, B233869-BSD1, S037414-CCV1, S037429-CCV1

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Lisa A. Worthington
Technical Representative

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway | Sample Description: | Work Order: 19F1123

Date Received: 6/20/2019

Field Sample #: MW-1 | Sampled: 6/19/2019 13:40

Sample ID: 19F1123-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	3.8	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
Acrylonitrile	ND	5.0	0.52	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.14	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
Bromobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
Bromochloromethane	ND	1.0	0.32	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
Bromoform	ND	1.0	0.46	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
Bromomethane	ND	2.0	0.78	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
tert-Butyl Alcohol (TBA)	ND	20	4.2	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
n-Butylbenzene	ND	1.0	0.21	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
sec-Butylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
tert-Butylbenzene	ND	1.0	0.17	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
Carbon Disulfide	ND	5.0	4.4	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
Carbon Tetrachloride	ND	5.0	0.11	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
Chlorobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
Chlorodibromomethane	ND	0.50	0.21	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
Chloroethane	ND	2.0	0.35	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
Chloroform	ND	2.0	0.17	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
Chloromethane	ND	2.0	0.45	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
2-Chlorotoluene	ND	1.0	0.12	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
4-Chlorotoluene	ND	1.0	0.14	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.53	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.19	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
Dibromomethane	ND	1.0	0.37	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
1,2-Dichlorobenzene	ND	1.0	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
1,3-Dichlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	0.31	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.26	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
1,1-Dichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
1,2-Dichloroethane	ND	1.0	0.41	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
1,1-Dichloroethylene	ND	1.0	0.32	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
cis-1,2-Dichloroethylene	ND	1.0	0.13	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.31	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
1,2-Dichloropropane	ND	1.0	0.20	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
1,3-Dichloropropane	ND	0.50	0.11	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
2,2-Dichloropropane	ND	1.0	0.20	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
1,1-Dichloropropene	ND	2.0	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
cis-1,3-Dichloropropene	ND	0.50	0.13	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
trans-1,3-Dichloropropene	ND	0.50	0.23	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
Diethyl Ether	ND	2.0	0.34	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway | Sample Description: | Work Order: 19F1123

Date Received: 6/20/2019

Field Sample #: MW-1 | Sampled: 6/19/2019 13:40

Sample ID: 19F1123-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	0.17	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
Ethylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
Hexachlorobutadiene	ND	0.60	0.47	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
2-Hexanone (MBK)	ND	10	1.5	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.17	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.20	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
Methyl Acetate	ND	1.0	0.42	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.25	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
Methyl Cyclohexane	ND	1.0	0.20	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
Methylene Chloride	ND	5.0	0.34	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.7	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
Naphthalene	ND	2.0	0.31	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
n-Propylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
Styrene	ND	1.0	0.11	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	0.27	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.22	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
Tetrachloroethylene	0.60	1.0	0.18	µg/L	1	J	SW-846 8260C	6/21/19	6/21/19 15:19	EEH
Tetrahydrofuran	ND	10	0.51	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
Toluene	ND	1.0	0.14	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.57	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.40	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
1,3,5-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
1,1,1-Trichloroethane	ND	1.0	0.20	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
1,1,2-Trichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
Trichloroethylene	ND	1.0	0.24	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.33	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
1,2,3-Trichloropropane	ND	2.0	0.25	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.32	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
1,2,4-Trimethylbenzene	ND	1.0	0.18	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
1,3,5-Trimethylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
Vinyl Chloride	ND	2.0	0.45	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
m+p Xylene	ND	2.0	0.30	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
o-Xylene	ND	1.0	0.17	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	102	70-130		6/21/19 15:19
Toluene-d8	97.6	70-130		6/21/19 15:19
4-Bromofluorobenzene	96.2	70-130		6/21/19 15:19

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway | Sample Description: | Work Order: 19F1123

Date Received: 6/20/2019

Field Sample #: MW-1 | Sampled: 6/19/2019 13:40

Sample ID: 19F1123-01

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	4.7	2.3	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
Acenaphthylene	ND	4.7	2.3	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
Acetophenone	ND	9.5	2.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
Aniline	ND	4.7	3.5	µg/L	1	V-34	SW-846 8270D	6/21/19	6/25/19 15:08	IMR
Anthracene	ND	4.7	2.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
Benzidine	ND	19	11	µg/L	1	R-05, V-04, V-05	SW-846 8270D	6/21/19	6/25/19 15:08	IMR
Benzo(a)anthracene	ND	4.7	2.2	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
Benzo(a)pyrene	ND	4.7	2.3	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
Benzo(b)fluoranthene	ND	4.7	2.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
Benzo(g,h,i)perylene	ND	4.7	3.2	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
Benzo(k)fluoranthene	ND	4.7	2.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
Benzoic Acid	ND	9.5	8.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
Bis(2-chloroethoxy)methane	ND	9.5	2.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
Bis(2-chloroethyl)ether	ND	9.5	2.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
Bis(2-chloroisopropyl)ether	ND	9.5	2.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
Bis(2-Ethylhexyl)phthalate	ND	9.5	1.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
4-Bromophenylphenylether	ND	9.5	3.2	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
Butylbenzylphthalate	ND	9.5	2.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
Carbazole	ND	9.5	2.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
4-Chloroaniline	ND	9.5	2.1	µg/L	1	V-34	SW-846 8270D	6/21/19	6/25/19 15:08	IMR
4-Chloro-3-methylphenol	ND	9.5	1.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
2-Chloronaphthalene	ND	9.5	2.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
2-Chlorophenol	ND	9.5	2.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
4-Chlorophenylphenylether	ND	9.5	2.3	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
Chrysene	ND	4.7	2.3	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
Dibenz(a,h)anthracene	ND	4.7	2.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
Dibenzofuran	ND	4.7	2.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
Di-n-butylphthalate	ND	9.5	2.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
1,2-Dichlorobenzene	ND	4.7	1.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
1,3-Dichlorobenzene	ND	4.7	1.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
1,4-Dichlorobenzene	ND	4.7	2.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
3,3-Dichlorobenzidine	ND	9.5	3.3	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
2,4-Dichlorophenol	ND	9.5	1.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
Diethylphthalate	ND	9.5	1.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
2,4-Dimethylphenol	ND	9.5	3.3	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
Dimethylphthalate	ND	9.5	1.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
4,6-Dinitro-2-methylphenol	ND	9.5	7.3	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
2,4-Dinitrophenol	ND	9.5	7.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
2,4-Dinitrotoluene	ND	9.5	1.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
2,6-Dinitrotoluene	ND	9.5	1.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
Di-n-octylphthalate	ND	9.5	2.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
1,2-Diphenylhydrazine/Azobenzene	ND	9.5	5.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
Fluoranthene	ND	4.7	2.2	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
Fluorene	ND	4.7	2.3	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway | Sample Description: | Work Order: 19F1123

Date Received: 6/20/2019

Field Sample #: MW-1 | Sampled: 6/19/2019 13:40

Sample ID: 19F1123-01

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	9.5	2.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
Hexachlorobutadiene	ND	9.5	1.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
Hexachlorocyclopentadiene	ND	9.5	7.7	µg/L	1	L-04, V-05	SW-846 8270D	6/21/19	6/25/19 15:08	IMR
Hexachloroethane	ND	9.5	1.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
Indeno(1,2,3-cd)pyrene	ND	4.7	3.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
Isophorone	ND	9.5	2.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
1-Methylnaphthalene	ND	4.7	2.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
2-Methylnaphthalene	ND	4.7	2.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
2-Methylphenol	ND	9.5	2.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
3/4-Methylphenol	ND	9.5	2.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
Naphthalene	ND	4.7	2.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
2-Nitroaniline	ND	9.5	3.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
3-Nitroaniline	ND	9.5	1.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
4-Nitroaniline	ND	9.5	1.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
Nitrobenzene	ND	9.5	2.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
2-Nitrophenol	ND	9.5	1.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
4-Nitrophenol	ND	9.5	3.6	µg/L	1	V-20	SW-846 8270D	6/21/19	6/25/19 15:08	IMR
N-Nitrosodimethylamine	ND	9.5	3.0	µg/L	1	V-20	SW-846 8270D	6/21/19	6/25/19 15:08	IMR
N-Nitrosodiphenylamine/Diphenylamine	ND	9.5	5.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
N-Nitrosodi-n-propylamine	ND	9.5	2.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
Pentachloronitrobenzene	ND	9.5	4.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
Pentachlorophenol	ND	9.5	7.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
Phenanthrene	ND	4.7	2.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
Phenol	ND	9.5	2.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
Pyrene	ND	4.7	3.3	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
Pyridine	ND	4.7	3.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
1,2,4,5-Tetrachlorobenzene	ND	9.5	2.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
1,2,4-Trichlorobenzene	ND	4.7	1.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
2,4,5-Trichlorophenol	ND	9.5	1.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
2,4,6-Trichlorophenol	ND	9.5	1.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	38.9	15-110		6/25/19 15:08
Phenol-d6	29.0	15-110		6/25/19 15:08
Nitrobenzene-d5	69.7	30-130		6/25/19 15:08
2-Fluorobiphenyl	73.6	30-130		6/25/19 15:08
2,4,6-Tribromophenol	66.4	15-110		6/25/19 15:08
p-Terphenyl-d14	72.7	30-130		6/25/19 15:08

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway | Sample Description: | Work Order: 19F1123

Date Received: 6/20/2019

Field Sample #: MW-1 | Sampled: 6/19/2019 13:40

Sample ID: 19F1123-01

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	0.80	0.64	µg/L	1		SW-846 6020B	6/25/19	6/27/19 11:33	MJH
Barium	66	10	0.88	µg/L	1		SW-846 6020B	6/25/19	6/27/19 11:33	MJH
Cadmium	0.049	0.20	0.038	µg/L	1	J	SW-846 6020B	6/25/19	6/27/19 11:33	MJH
Chromium	1.1	1.0	0.24	µg/L	1	B	SW-846 6020B	6/25/19	6/27/19 11:33	MJH
Lead	0.49	0.50	0.085	µg/L	1	J	SW-846 6020B	6/25/19	6/27/19 11:33	MJH
Mercury	ND	0.00010	0.000034	mg/L	1		SW-846 7470A	6/26/19	6/26/19 15:30	AJL
Selenium	20	5.0	1.6	µg/L	1		SW-846 6020B	6/25/19	6/27/19 11:33	MJH
Silver	ND	0.20	0.18	µg/L	1		SW-846 6020B	6/25/19	6/27/19 11:33	MJH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway | Sample Description: | Work Order: 19F1123

Date Received: 6/20/2019

Field Sample #: MW-2 | Sampled: 6/20/2019 09:15

Sample ID: 19F1123-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	3.8	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
Acrylonitrile	ND	5.0	0.52	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.14	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
Bromobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
Bromochloromethane	ND	1.0	0.32	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
Bromoform	ND	1.0	0.46	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
Bromomethane	ND	2.0	0.78	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
tert-Butyl Alcohol (TBA)	ND	20	4.2	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
n-Butylbenzene	ND	1.0	0.21	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
sec-Butylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
tert-Butylbenzene	ND	1.0	0.17	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
Carbon Disulfide	ND	5.0	4.4	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
Carbon Tetrachloride	ND	5.0	0.11	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
Chlorobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
Chlorodibromomethane	ND	0.50	0.21	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
Chloroethane	ND	2.0	0.35	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
Chloroform	ND	2.0	0.17	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
Chloromethane	ND	2.0	0.45	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
2-Chlorotoluene	ND	1.0	0.12	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
4-Chlorotoluene	ND	1.0	0.14	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.53	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.19	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
Dibromomethane	ND	1.0	0.37	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
1,2-Dichlorobenzene	ND	1.0	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
1,3-Dichlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	0.31	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.26	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
1,1-Dichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
1,2-Dichloroethane	ND	1.0	0.41	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
1,1-Dichloroethylene	ND	1.0	0.32	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
cis-1,2-Dichloroethylene	ND	1.0	0.13	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.31	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
1,2-Dichloropropane	ND	1.0	0.20	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
1,3-Dichloropropane	ND	0.50	0.11	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
2,2-Dichloropropane	ND	1.0	0.20	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
1,1-Dichloropropene	ND	2.0	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
cis-1,3-Dichloropropene	ND	0.50	0.13	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
trans-1,3-Dichloropropene	ND	0.50	0.23	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
Diethyl Ether	ND	2.0	0.34	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway | Sample Description: | Work Order: 19F1123

Date Received: 6/20/2019

Field Sample #: MW-2 | Sampled: 6/20/2019 09:15

Sample ID: 19F1123-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	0.17	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
Ethylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
Hexachlorobutadiene	ND	0.60	0.47	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
2-Hexanone (MBK)	ND	10	1.5	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.17	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.20	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
Methyl Acetate	ND	1.0	0.42	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.25	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
Methyl Cyclohexane	ND	1.0	0.20	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
Methylene Chloride	ND	5.0	0.34	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.7	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
Naphthalene	ND	2.0	0.31	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
n-Propylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
Styrene	ND	1.0	0.11	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	0.27	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.22	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
Tetrachloroethylene	7.3	1.0	0.18	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
Tetrahydrofuran	ND	10	0.51	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
Toluene	ND	1.0	0.14	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.57	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.40	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
1,3,5-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
1,1,1-Trichloroethane	ND	1.0	0.20	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
1,1,2-Trichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
Trichloroethylene	21	1.0	0.24	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.33	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
1,2,3-Trichloropropane	ND	2.0	0.25	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.32	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
1,2,4-Trimethylbenzene	ND	1.0	0.18	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
1,3,5-Trimethylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
Vinyl Chloride	ND	2.0	0.45	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
m+p Xylene	ND	2.0	0.30	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
o-Xylene	ND	1.0	0.17	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	102	70-130		6/21/19 15:45
Toluene-d8	97.7	70-130		6/21/19 15:45
4-Bromofluorobenzene	93.4	70-130		6/21/19 15:45

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway | Sample Description: | Work Order: 19F1123

Date Received: 6/20/2019

Field Sample #: MW-2 | Sampled: 6/20/2019 09:15

Sample ID: 19F1123-02

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	5.1	2.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
Acenaphthylene	ND	5.1	2.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
Acetophenone	ND	10	3.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
Aniline	ND	5.1	3.8	µg/L	1	V-34	SW-846 8270D	6/21/19	6/25/19 15:33	IMR
Anthracene	ND	5.1	2.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
Benzidine	ND	20	12	µg/L	1	R-05, V-04, V-05	SW-846 8270D	6/21/19	6/25/19 15:33	IMR
Benzo(a)anthracene	ND	5.1	2.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
Benzo(a)pyrene	ND	5.1	2.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
Benzo(b)fluoranthene	ND	5.1	2.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
Benzo(g,h,i)perylene	ND	5.1	3.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
Benzo(k)fluoranthene	ND	5.1	2.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
Benzoic Acid	ND	10	9.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
Bis(2-chloroethoxy)methane	ND	10	2.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
Bis(2-chloroethyl)ether	ND	10	3.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
Bis(2-chloroisopropyl)ether	ND	10	2.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
Bis(2-Ethylhexyl)phthalate	ND	10	1.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
4-Bromophenylphenylether	ND	10	3.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
Butylbenzylphthalate	ND	10	2.2	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
Carbazole	ND	10	2.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
4-Chloroaniline	ND	10	2.2	µg/L	1	V-34	SW-846 8270D	6/21/19	6/25/19 15:33	IMR
4-Chloro-3-methylphenol	ND	10	1.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
2-Chloronaphthalene	ND	10	2.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
2-Chlorophenol	ND	10	2.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
4-Chlorophenylphenylether	ND	10	2.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
Chrysene	ND	5.1	2.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
Dibenz(a,h)anthracene	ND	5.1	3.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
Dibenzofuran	ND	5.1	2.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
Di-n-butylphthalate	ND	10	2.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
1,2-Dichlorobenzene	ND	5.1	1.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
1,3-Dichlorobenzene	ND	5.1	1.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
1,4-Dichlorobenzene	ND	5.1	2.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
3,3-Dichlorobenzidine	ND	10	3.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
2,4-Dichlorophenol	ND	10	2.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
Diethylphthalate	ND	10	1.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
2,4-Dimethylphenol	ND	10	3.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
Dimethylphthalate	ND	10	1.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
4,6-Dinitro-2-methylphenol	ND	10	7.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
2,4-Dinitrophenol	ND	10	7.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
2,4-Dinitrotoluene	ND	10	1.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
2,6-Dinitrotoluene	ND	10	1.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
Di-n-octylphthalate	ND	10	3.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
1,2-Diphenylhydrazine/Azobenzene	ND	10	5.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
Fluoranthene	ND	5.1	2.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
Fluorene	ND	5.1	2.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway | Sample Description: | Work Order: 19F1123

Date Received: 6/20/2019

Field Sample #: MW-2 | Sampled: 6/20/2019 09:15

Sample ID: 19F1123-02

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	10	3.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
Hexachlorobutadiene	ND	10	1.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
Hexachlorocyclopentadiene	ND	10	8.3	µg/L	1	L-04, V-05	SW-846 8270D	6/21/19	6/25/19 15:33	IMR
Hexachloroethane	ND	10	1.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
Indeno(1,2,3-cd)pyrene	ND	5.1	3.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
Isophorone	ND	10	2.2	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
1-Methylnaphthalene	ND	5.1	3.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
2-Methylnaphthalene	ND	5.1	2.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
2-Methylphenol	ND	10	2.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
3/4-Methylphenol	ND	10	2.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
Naphthalene	ND	5.1	2.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
2-Nitroaniline	ND	10	3.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
3-Nitroaniline	ND	10	1.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
4-Nitroaniline	ND	10	1.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
Nitrobenzene	ND	10	2.2	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
2-Nitrophenol	ND	10	2.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
4-Nitrophenol	ND	10	3.8	µg/L	1	V-20	SW-846 8270D	6/21/19	6/25/19 15:33	IMR
N-Nitrosodimethylamine	ND	10	3.2	µg/L	1	V-20	SW-846 8270D	6/21/19	6/25/19 15:33	IMR
N-Nitrosodiphenylamine/Diphenylamine	ND	10	6.3	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
N-Nitrosodi-n-propylamine	ND	10	3.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
Pentachloronitrobenzene	ND	10	5.2	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
Pentachlorophenol	ND	10	8.2	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
Phenanthrene	ND	5.1	2.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
Phenol	ND	10	3.2	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
Pyrene	ND	5.1	3.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
Pyridine	ND	5.1	3.3	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
1,2,4,5-Tetrachlorobenzene	ND	10	2.2	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
1,2,4-Trichlorobenzene	ND	5.1	1.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
2,4,5-Trichlorophenol	ND	10	1.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
2,4,6-Trichlorophenol	ND	10	2.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	42.5	15-110		6/25/19 15:33
Phenol-d6	32.5	15-110		6/25/19 15:33
Nitrobenzene-d5	73.2	30-130		6/25/19 15:33
2-Fluorobiphenyl	74.2	30-130		6/25/19 15:33
2,4,6-Tribromophenol	65.8	15-110		6/25/19 15:33
p-Terphenyl-d14	75.3	30-130		6/25/19 15:33

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway | Sample Description: | Work Order: 19F1123

Date Received: 6/20/2019

Field Sample #: MW-2 | Sampled: 6/20/2019 09:15

Sample ID: 19F1123-02

Sample Matrix: Ground Water

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.31	0.28	µg/L	1		SW-846 8082A	6/21/19	6/25/19 10:19	TG
Aroclor-1221 [1]	ND	0.31	0.25	µg/L	1		SW-846 8082A	6/21/19	6/25/19 10:19	TG
Aroclor-1232 [1]	ND	0.31	0.31	µg/L	1		SW-846 8082A	6/21/19	6/25/19 10:19	TG
Aroclor-1242 [1]	ND	0.31	0.27	µg/L	1		SW-846 8082A	6/21/19	6/25/19 10:19	TG
Aroclor-1248 [1]	ND	0.31	0.29	µg/L	1		SW-846 8082A	6/21/19	6/25/19 10:19	TG
Aroclor-1254 [1]	ND	0.31	0.16	µg/L	1		SW-846 8082A	6/21/19	6/25/19 10:19	TG
Aroclor-1260 [1]	ND	0.31	0.30	µg/L	1		SW-846 8082A	6/21/19	6/25/19 10:19	TG
Aroclor-1262 [1]	ND	0.31	0.21	µg/L	1		SW-846 8082A	6/21/19	6/25/19 10:19	TG
Aroclor-1268 [1]	ND	0.31	0.19	µg/L	1		SW-846 8082A	6/21/19	6/25/19 10:19	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	78.0	30-150		6/25/19 10:19
Decachlorobiphenyl [2]	81.4	30-150		6/25/19 10:19
Tetrachloro-m-xylene [1]	65.5	30-150		6/25/19 10:19
Tetrachloro-m-xylene [2]	72.4	30-150		6/25/19 10:19

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Project Location: 615 Broadway | Sample Description: | Work Order: 19F1123

Date Received: 6/20/2019

Field Sample #: MW-2 | Sampled: 6/20/2019 09:15

Sample ID: 19F1123-02

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	0.80	0.64	µg/L	1		SW-846 6020B	6/25/19	6/27/19 11:36	MJH
Barium	17	10	0.88	µg/L	1		SW-846 6020B	6/25/19	6/27/19 11:36	MJH
Cadmium	ND	0.20	0.038	µg/L	1		SW-846 6020B	6/25/19	6/27/19 11:36	MJH
Chromium	1.0	1.0	0.24	µg/L	1	B	SW-846 6020B	6/25/19	6/27/19 11:36	MJH
Lead	ND	0.50	0.085	µg/L	1		SW-846 6020B	6/25/19	6/27/19 11:36	MJH
Mercury	ND	0.00010	0.000034	mg/L	1		SW-846 7470A	6/26/19	6/26/19 15:32	AJL
Selenium	4.4	5.0	1.6	µg/L	1	J	SW-846 6020B	6/25/19	6/27/19 11:36	MJH
Silver	ND	0.20	0.18	µg/L	1		SW-846 6020B	6/25/19	6/27/19 11:36	MJH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway | Sample Description: | Work Order: 19F1123

Date Received: 6/20/2019

Field Sample #: MW-3 | Sampled: 6/20/2019 09:10

Sample ID: 19F1123-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	3.8	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
Acrylonitrile	ND	5.0	0.52	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.14	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
Bromobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
Bromochloromethane	ND	1.0	0.32	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
Bromoform	ND	1.0	0.46	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
Bromomethane	ND	2.0	0.78	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
tert-Butyl Alcohol (TBA)	ND	20	4.2	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
n-Butylbenzene	ND	1.0	0.21	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
sec-Butylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
tert-Butylbenzene	ND	1.0	0.17	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
Carbon Disulfide	ND	5.0	4.4	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
Carbon Tetrachloride	ND	5.0	0.11	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
Chlorobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
Chlorodibromomethane	ND	0.50	0.21	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
Chloroethane	ND	2.0	0.35	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
Chloroform	ND	2.0	0.17	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
Chloromethane	ND	2.0	0.45	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
2-Chlorotoluene	ND	1.0	0.12	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
4-Chlorotoluene	ND	1.0	0.14	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.53	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.19	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
Dibromomethane	ND	1.0	0.37	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
1,2-Dichlorobenzene	ND	1.0	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
1,3-Dichlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	0.31	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.26	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
1,1-Dichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
1,2-Dichloroethane	ND	1.0	0.41	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
1,1-Dichloroethylene	ND	1.0	0.32	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
cis-1,2-Dichloroethylene	ND	1.0	0.13	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.31	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
1,2-Dichloropropane	ND	1.0	0.20	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
1,3-Dichloropropane	ND	0.50	0.11	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
2,2-Dichloropropane	ND	1.0	0.20	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
1,1-Dichloropropene	ND	2.0	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
cis-1,3-Dichloropropene	ND	0.50	0.13	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
trans-1,3-Dichloropropene	ND	0.50	0.23	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
Diethyl Ether	ND	2.0	0.34	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway | Sample Description: | Work Order: 19F1123

Date Received: 6/20/2019

Field Sample #: MW-3 | Sampled: 6/20/2019 09:10

Sample ID: 19F1123-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	0.17	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
Ethylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
Hexachlorobutadiene	ND	0.60	0.47	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
2-Hexanone (MBK)	ND	10	1.5	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.17	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.20	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
Methyl Acetate	ND	1.0	0.42	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.25	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
Methyl Cyclohexane	ND	1.0	0.20	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
Methylene Chloride	ND	5.0	0.34	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.7	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
Naphthalene	ND	2.0	0.31	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
n-Propylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
Styrene	ND	1.0	0.11	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	0.27	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.22	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
Tetrachloroethylene	ND	1.0	0.18	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
Tetrahydrofuran	ND	10	0.51	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
Toluene	ND	1.0	0.14	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.57	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.40	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
1,3,5-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
1,1,1-Trichloroethane	ND	1.0	0.20	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
1,1,2-Trichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
Trichloroethylene	1.0	1.0	0.24	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.33	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
1,2,3-Trichloropropane	ND	2.0	0.25	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.32	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
1,2,4-Trimethylbenzene	ND	1.0	0.18	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
1,3,5-Trimethylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
Vinyl Chloride	ND	2.0	0.45	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
m+p Xylene	ND	2.0	0.30	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
o-Xylene	ND	1.0	0.17	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	102	70-130		6/21/19 16:11
Toluene-d8	97.6	70-130		6/21/19 16:11
4-Bromofluorobenzene	97.5	70-130		6/21/19 16:11

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway | Sample Description: | Work Order: 19F1123

Date Received: 6/20/2019

Field Sample #: MW-3 | Sampled: 6/20/2019 09:10

Sample ID: 19F1123-03

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	4.7	2.3	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
Acenaphthylene	ND	4.7	2.3	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
Acetophenone	ND	9.5	2.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
Aniline	ND	4.7	3.5	µg/L	1	V-34	SW-846 8270D	6/21/19	6/25/19 15:58	IMR
Anthracene	ND	4.7	2.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
Benzidine	ND	19	11	µg/L	1	R-05, V-04, V-05	SW-846 8270D	6/21/19	6/25/19 15:58	IMR
Benzo(a)anthracene	ND	4.7	2.2	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
Benzo(a)pyrene	ND	4.7	2.3	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
Benzo(b)fluoranthene	ND	4.7	2.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
Benzo(g,h,i)perylene	ND	4.7	3.2	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
Benzo(k)fluoranthene	ND	4.7	2.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
Benzoic Acid	ND	9.5	8.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
Bis(2-chloroethoxy)methane	ND	9.5	2.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
Bis(2-chloroethyl)ether	ND	9.5	2.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
Bis(2-chloroisopropyl)ether	ND	9.5	2.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
Bis(2-Ethylhexyl)phthalate	ND	9.5	1.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
4-Bromophenylphenylether	ND	9.5	3.2	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
Butylbenzylphthalate	ND	9.5	2.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
Carbazole	ND	9.5	2.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
4-Chloroaniline	ND	9.5	2.1	µg/L	1	V-34	SW-846 8270D	6/21/19	6/25/19 15:58	IMR
4-Chloro-3-methylphenol	ND	9.5	1.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
2-Chloronaphthalene	ND	9.5	2.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
2-Chlorophenol	ND	9.5	2.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
4-Chlorophenylphenylether	ND	9.5	2.3	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
Chrysene	ND	4.7	2.3	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
Dibenz(a,h)anthracene	ND	4.7	2.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
Dibenzofuran	ND	4.7	2.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
Di-n-butylphthalate	ND	9.5	2.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
1,2-Dichlorobenzene	ND	4.7	1.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
1,3-Dichlorobenzene	ND	4.7	1.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
1,4-Dichlorobenzene	ND	4.7	2.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
3,3-Dichlorobenzidine	ND	9.5	3.3	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
2,4-Dichlorophenol	ND	9.5	1.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
Diethylphthalate	ND	9.5	1.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
2,4-Dimethylphenol	ND	9.5	3.3	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
Dimethylphthalate	ND	9.5	1.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
4,6-Dinitro-2-methylphenol	ND	9.5	7.3	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
2,4-Dinitrophenol	ND	9.5	7.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
2,4-Dinitrotoluene	ND	9.5	1.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
2,6-Dinitrotoluene	ND	9.5	1.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
Di-n-octylphthalate	ND	9.5	2.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
1,2-Diphenylhydrazine/Azobenzene	ND	9.5	5.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
Fluoranthene	ND	4.7	2.2	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
Fluorene	ND	4.7	2.3	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway | Sample Description: | Work Order: 19F1123

Date Received: 6/20/2019

Field Sample #: MW-3 | Sampled: 6/20/2019 09:10

Sample ID: 19F1123-03

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	9.5	2.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
Hexachlorobutadiene	ND	9.5	1.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
Hexachlorocyclopentadiene	ND	9.5	7.7	µg/L	1	L-04, V-05	SW-846 8270D	6/21/19	6/25/19 15:58	IMR
Hexachloroethane	ND	9.5	1.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
Indeno(1,2,3-cd)pyrene	ND	4.7	3.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
Isophorone	ND	9.5	2.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
1-Methylnaphthalene	ND	4.7	2.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
2-Methylnaphthalene	ND	4.7	2.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
2-Methylphenol	ND	9.5	2.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
3/4-Methylphenol	ND	9.5	2.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
Naphthalene	ND	4.7	2.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
2-Nitroaniline	ND	9.5	3.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
3-Nitroaniline	ND	9.5	1.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
4-Nitroaniline	ND	9.5	1.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
Nitrobenzene	ND	9.5	2.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
2-Nitrophenol	ND	9.5	1.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
4-Nitrophenol	ND	9.5	3.6	µg/L	1	V-20	SW-846 8270D	6/21/19	6/25/19 15:58	IMR
N-Nitrosodimethylamine	ND	9.5	3.0	µg/L	1	V-20	SW-846 8270D	6/21/19	6/25/19 15:58	IMR
N-Nitrosodiphenylamine/Diphenylamine	ND	9.5	5.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
N-Nitrosodi-n-propylamine	ND	9.5	2.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
Pentachloronitrobenzene	ND	9.5	4.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
Pentachlorophenol	ND	9.5	7.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
Phenanthrene	ND	4.7	2.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
Phenol	ND	9.5	2.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
Pyrene	ND	4.7	3.3	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
Pyridine	ND	4.7	3.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
1,2,4,5-Tetrachlorobenzene	ND	9.5	2.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
1,2,4-Trichlorobenzene	ND	4.7	1.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
2,4,5-Trichlorophenol	ND	9.5	1.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
2,4,6-Trichlorophenol	ND	9.5	1.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	40.1	15-110		6/25/19 15:58
Phenol-d6	28.4	15-110		6/25/19 15:58
Nitrobenzene-d5	72.5	30-130		6/25/19 15:58
2-Fluorobiphenyl	74.8	30-130		6/25/19 15:58
2,4,6-Tribromophenol	67.7	15-110		6/25/19 15:58
p-Terphenyl-d14	74.6	30-130		6/25/19 15:58

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway | Sample Description: | Work Order: 19F1123

Date Received: 6/20/2019

Field Sample #: MW-3 | Sampled: 6/20/2019 09:10

Sample ID: 19F1123-03

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	0.73	0.80	0.64	µg/L	1	J	SW-846 6020B	6/25/19	6/27/19 11:39	MJH
Barium	32	10	0.88	µg/L	1		SW-846 6020B	6/25/19	6/27/19 11:39	MJH
Cadmium	0.067	0.20	0.038	µg/L	1	J	SW-846 6020B	6/25/19	6/27/19 11:39	MJH
Chromium	2.1	1.0	0.24	µg/L	1	B	SW-846 6020B	6/25/19	6/27/19 11:39	MJH
Lead	0.99	0.50	0.085	µg/L	1		SW-846 6020B	6/25/19	6/27/19 11:39	MJH
Mercury	ND	0.00010	0.000034	mg/L	1		SW-846 7470A	6/26/19	6/26/19 15:34	AJL
Selenium	9.1	5.0	1.6	µg/L	1		SW-846 6020B	6/25/19	6/27/19 11:39	MJH
Silver	ND	0.20	0.18	µg/L	1		SW-846 6020B	6/25/19	6/27/19 11:39	MJH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway | Sample Description: | Work Order: 19F1123

Date Received: 6/20/2019

Field Sample #: MW-4 | Sampled: 6/19/2019 13:50

Sample ID: 19F1123-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	3.8	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
Acrylonitrile	ND	5.0	0.52	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.14	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
Bromobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
Bromochloromethane	ND	1.0	0.32	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
Bromoform	ND	1.0	0.46	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
Bromomethane	ND	2.0	0.78	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
tert-Butyl Alcohol (TBA)	ND	20	4.2	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
n-Butylbenzene	ND	1.0	0.21	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
sec-Butylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
tert-Butylbenzene	ND	1.0	0.17	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
Carbon Disulfide	ND	5.0	4.4	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
Carbon Tetrachloride	ND	5.0	0.11	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
Chlorobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
Chlorodibromomethane	ND	0.50	0.21	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
Chloroethane	ND	2.0	0.35	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
Chloroform	ND	2.0	0.17	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
Chloromethane	ND	2.0	0.45	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
2-Chlorotoluene	ND	1.0	0.12	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
4-Chlorotoluene	ND	1.0	0.14	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.53	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.19	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
Dibromomethane	ND	1.0	0.37	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
1,2-Dichlorobenzene	ND	1.0	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
1,3-Dichlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	0.31	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.26	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
1,1-Dichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
1,2-Dichloroethane	ND	1.0	0.41	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
1,1-Dichloroethylene	ND	1.0	0.32	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
cis-1,2-Dichloroethylene	ND	1.0	0.13	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.31	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
1,2-Dichloropropane	ND	1.0	0.20	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
1,3-Dichloropropane	ND	0.50	0.11	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
2,2-Dichloropropane	ND	1.0	0.20	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
1,1-Dichloropropene	ND	2.0	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
cis-1,3-Dichloropropene	ND	0.50	0.13	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
trans-1,3-Dichloropropene	ND	0.50	0.23	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
Diethyl Ether	ND	2.0	0.34	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway | Sample Description: | Work Order: 19F1123

Date Received: 6/20/2019

Field Sample #: MW-4 | Sampled: 6/19/2019 13:50

Sample ID: 19F1123-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	0.17	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
Ethylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
Hexachlorobutadiene	ND	0.60	0.47	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
2-Hexanone (MBK)	ND	10	1.5	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.17	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.20	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
Methyl Acetate	ND	1.0	0.42	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.25	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
Methyl Cyclohexane	ND	1.0	0.20	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
Methylene Chloride	ND	5.0	0.34	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.7	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
Naphthalene	ND	2.0	0.31	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
n-Propylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
Styrene	ND	1.0	0.11	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	0.27	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.22	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
Tetrachloroethylene	0.80	1.0	0.18	µg/L	1	J	SW-846 8260C	6/21/19	6/21/19 16:38	EEH
Tetrahydrofuran	ND	10	0.51	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
Toluene	ND	1.0	0.14	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.57	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.40	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
1,3,5-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
1,1,1-Trichloroethane	ND	1.0	0.20	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
1,1,2-Trichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
Trichloroethylene	1.7	1.0	0.24	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.33	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
1,2,3-Trichloropropane	ND	2.0	0.25	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.32	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
1,2,4-Trimethylbenzene	ND	1.0	0.18	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
1,3,5-Trimethylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
Vinyl Chloride	ND	2.0	0.45	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
m+p Xylene	ND	2.0	0.30	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
o-Xylene	ND	1.0	0.17	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	101	70-130		6/21/19 16:38
Toluene-d8	98.6	70-130		6/21/19 16:38
4-Bromofluorobenzene	98.1	70-130		6/21/19 16:38

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway | Sample Description: | Work Order: 19F1123

Date Received: 6/20/2019

Field Sample #: MW-4 | Sampled: 6/19/2019 13:50

Sample ID: 19F1123-04

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	5.1	2.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
Acenaphthylene	ND	5.1	2.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
Acetophenone	ND	10	3.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
Aniline	ND	5.1	3.8	µg/L	1	V-34	SW-846 8270D	6/21/19	6/25/19 17:01	IMR
Anthracene	ND	5.1	2.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
Benzidine	ND	20	12	µg/L	1	R-05, V-04, V-05	SW-846 8270D	6/21/19	6/25/19 17:01	IMR
Benzo(a)anthracene	ND	5.1	2.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
Benzo(a)pyrene	ND	5.1	2.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
Benzo(b)fluoranthene	ND	5.1	2.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
Benzo(g,h,i)perylene	ND	5.1	3.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
Benzo(k)fluoranthene	ND	5.1	2.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
Benzoic Acid	ND	10	9.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
Bis(2-chloroethoxy)methane	ND	10	2.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
Bis(2-chloroethyl)ether	ND	10	3.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
Bis(2-chloroisopropyl)ether	ND	10	2.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
Bis(2-Ethylhexyl)phthalate	ND	10	1.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
4-Bromophenylphenylether	ND	10	3.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
Butylbenzylphthalate	ND	10	2.2	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
Carbazole	ND	10	2.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
4-Chloroaniline	ND	10	2.2	µg/L	1	V-34	SW-846 8270D	6/21/19	6/25/19 17:01	IMR
4-Chloro-3-methylphenol	ND	10	1.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
2-Chloronaphthalene	ND	10	2.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
2-Chlorophenol	ND	10	2.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
4-Chlorophenylphenylether	ND	10	2.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
Chrysene	ND	5.1	2.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
Dibenz(a,h)anthracene	ND	5.1	3.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
Dibenzofuran	ND	5.1	2.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
Di-n-butylphthalate	ND	10	2.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
1,2-Dichlorobenzene	ND	5.1	1.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
1,3-Dichlorobenzene	ND	5.1	1.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
1,4-Dichlorobenzene	ND	5.1	2.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
3,3-Dichlorobenzidine	ND	10	3.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
2,4-Dichlorophenol	ND	10	2.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
Diethylphthalate	ND	10	1.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
2,4-Dimethylphenol	ND	10	3.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
Dimethylphthalate	ND	10	1.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
4,6-Dinitro-2-methylphenol	ND	10	7.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
2,4-Dinitrophenol	ND	10	7.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
2,4-Dinitrotoluene	ND	10	1.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
2,6-Dinitrotoluene	ND	10	1.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
Di-n-octylphthalate	ND	10	3.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
1,2-Diphenylhydrazine/Azobenzene	ND	10	5.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
Fluoranthene	ND	5.1	2.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
Fluorene	ND	5.1	2.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway | Sample Description: | Work Order: 19F1123

Date Received: 6/20/2019

Field Sample #: MW-4 | Sampled: 6/19/2019 13:50

Sample ID: 19F1123-04

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	10	3.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
Hexachlorobutadiene	ND	10	1.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
Hexachlorocyclopentadiene	ND	10	8.3	µg/L	1	L-04, V-05	SW-846 8270D	6/21/19	6/25/19 17:01	IMR
Hexachloroethane	ND	10	1.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
Indeno(1,2,3-cd)pyrene	ND	5.1	3.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
Isophorone	ND	10	2.2	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
1-Methylnaphthalene	ND	5.1	3.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
2-Methylnaphthalene	ND	5.1	2.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
2-Methylphenol	ND	10	2.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
3/4-Methylphenol	ND	10	2.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
Naphthalene	ND	5.1	2.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
2-Nitroaniline	ND	10	3.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
3-Nitroaniline	ND	10	1.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
4-Nitroaniline	ND	10	1.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
Nitrobenzene	ND	10	2.2	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
2-Nitrophenol	ND	10	2.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
4-Nitrophenol	ND	10	3.8	µg/L	1	V-20	SW-846 8270D	6/21/19	6/25/19 17:01	IMR
N-Nitrosodimethylamine	ND	10	3.2	µg/L	1	V-20	SW-846 8270D	6/21/19	6/25/19 17:01	IMR
N-Nitrosodiphenylamine/Diphenylamine	ND	10	6.3	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
N-Nitrosodi-n-propylamine	ND	10	3.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
Pentachloronitrobenzene	ND	10	5.2	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
Pentachlorophenol	ND	10	8.2	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
Phenanthrene	ND	5.1	2.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
Phenol	ND	10	3.2	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
Pyrene	ND	5.1	3.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
Pyridine	ND	5.1	3.3	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
1,2,4,5-Tetrachlorobenzene	ND	10	2.2	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
1,2,4-Trichlorobenzene	ND	5.1	1.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
2,4,5-Trichlorophenol	ND	10	1.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
2,4,6-Trichlorophenol	ND	10	2.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	39.0	15-110		6/25/19 17:01
Phenol-d6	28.5	15-110		6/25/19 17:01
Nitrobenzene-d5	69.8	30-130		6/25/19 17:01
2-Fluorobiphenyl	72.8	30-130		6/25/19 17:01
2,4,6-Tribromophenol	66.0	15-110		6/25/19 17:01
p-Terphenyl-d14	71.1	30-130		6/25/19 17:01

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway | Sample Description: | Work Order: 19F1123

Date Received: 6/20/2019

Field Sample #: MW-4 | Sampled: 6/19/2019 13:50

Sample ID: 19F1123-04

Sample Matrix: Ground Water

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.30	0.27	µg/L	1		SW-846 8082A	6/21/19	6/25/19 10:32	TG
Aroclor-1221 [1]	ND	0.30	0.24	µg/L	1		SW-846 8082A	6/21/19	6/25/19 10:32	TG
Aroclor-1232 [1]	ND	0.30	0.29	µg/L	1		SW-846 8082A	6/21/19	6/25/19 10:32	TG
Aroclor-1242 [1]	ND	0.30	0.26	µg/L	1		SW-846 8082A	6/21/19	6/25/19 10:32	TG
Aroclor-1248 [1]	ND	0.30	0.28	µg/L	1		SW-846 8082A	6/21/19	6/25/19 10:32	TG
Aroclor-1254 [1]	ND	0.30	0.16	µg/L	1		SW-846 8082A	6/21/19	6/25/19 10:32	TG
Aroclor-1260 [1]	ND	0.30	0.29	µg/L	1		SW-846 8082A	6/21/19	6/25/19 10:32	TG
Aroclor-1262 [1]	ND	0.30	0.20	µg/L	1		SW-846 8082A	6/21/19	6/25/19 10:32	TG
Aroclor-1268 [1]	ND	0.30	0.19	µg/L	1		SW-846 8082A	6/21/19	6/25/19 10:32	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	85.4	30-150		6/25/19 10:32
Decachlorobiphenyl [2]	89.6	30-150		6/25/19 10:32
Tetrachloro-m-xylene [1]	73.9	30-150		6/25/19 10:32
Tetrachloro-m-xylene [2]	81.0	30-150		6/25/19 10:32

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway
Sample Description:
Work Order: 19F1123

Date Received: 6/20/2019

Field Sample #: MW-4
Sampled: 6/19/2019 13:50

Sample ID: 19F1123-04

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	0.80	0.64	µg/L	1		SW-846 6020B	6/25/19	6/27/19 11:41	MJH
Barium	33	10	0.88	µg/L	1		SW-846 6020B	6/25/19	6/27/19 11:41	MJH
Cadmium	0.22	0.20	0.038	µg/L	1		SW-846 6020B	6/25/19	6/27/19 11:41	MJH
Chromium	0.69	1.0	0.24	µg/L	1	B, J	SW-846 6020B	6/25/19	6/27/19 11:41	MJH
Lead	0.31	0.50	0.085	µg/L	1	J	SW-846 6020B	6/25/19	6/27/19 11:41	MJH
Mercury	ND	0.00010	0.000034	mg/L	1		SW-846 7470A	6/26/19	6/26/19 15:35	AJL
Selenium	14	5.0	1.6	µg/L	1		SW-846 6020B	6/25/19	6/27/19 11:41	MJH
Silver	ND	0.20	0.18	µg/L	1		SW-846 6020B	6/25/19	6/27/19 11:41	MJH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway | Sample Description: | Work Order: 19F1123

Date Received: 6/20/2019

Field Sample #: MW-5 | Sampled: 6/18/2019 14:50

Sample ID: 19F1123-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	3.8	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
Acrylonitrile	ND	5.0	0.52	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.14	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
Bromobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
Bromochloromethane	ND	1.0	0.32	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
Bromoform	ND	1.0	0.46	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
Bromomethane	ND	2.0	0.78	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
tert-Butyl Alcohol (TBA)	ND	20	4.2	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
n-Butylbenzene	ND	1.0	0.21	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
sec-Butylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
tert-Butylbenzene	ND	1.0	0.17	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
Carbon Disulfide	ND	5.0	4.4	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
Carbon Tetrachloride	ND	5.0	0.11	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
Chlorobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
Chlorodibromomethane	ND	0.50	0.21	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
Chloroethane	ND	2.0	0.35	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
Chloroform	0.33	2.0	0.17	µg/L	1	J	SW-846 8260C	6/21/19	6/21/19 17:04	EEH
Chloromethane	ND	2.0	0.45	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
2-Chlorotoluene	ND	1.0	0.12	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
4-Chlorotoluene	ND	1.0	0.14	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.53	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.19	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
Dibromomethane	ND	1.0	0.37	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
1,2-Dichlorobenzene	ND	1.0	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
1,3-Dichlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	0.31	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.26	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
1,1-Dichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
1,2-Dichloroethane	ND	1.0	0.41	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
1,1-Dichloroethylene	ND	1.0	0.32	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
cis-1,2-Dichloroethylene	ND	1.0	0.13	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.31	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
1,2-Dichloropropane	ND	1.0	0.20	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
1,3-Dichloropropane	ND	0.50	0.11	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
2,2-Dichloropropane	ND	1.0	0.20	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
1,1-Dichloropropene	ND	2.0	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
cis-1,3-Dichloropropene	ND	0.50	0.13	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
trans-1,3-Dichloropropene	ND	0.50	0.23	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
Diethyl Ether	ND	2.0	0.34	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway | Sample Description: | Work Order: 19F1123

Date Received: 6/20/2019

Field Sample #: MW-5 | Sampled: 6/18/2019 14:50

Sample ID: 19F1123-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	0.17	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
Ethylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
Hexachlorobutadiene	ND	0.60	0.47	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
2-Hexanone (MBK)	ND	10	1.5	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.17	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.20	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
Methyl Acetate	ND	1.0	0.42	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.25	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
Methyl Cyclohexane	ND	1.0	0.20	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
Methylene Chloride	ND	5.0	0.34	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.7	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
Naphthalene	ND	2.0	0.31	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
n-Propylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
Styrene	ND	1.0	0.11	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	0.27	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.22	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
Tetrachloroethylene	12	1.0	0.18	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
Tetrahydrofuran	ND	10	0.51	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
Toluene	ND	1.0	0.14	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.57	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.40	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
1,3,5-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
1,1,1-Trichloroethane	ND	1.0	0.20	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
1,1,2-Trichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
Trichloroethylene	0.83	1.0	0.24	µg/L	1	J	SW-846 8260C	6/21/19	6/21/19 17:04	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.33	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
1,2,3-Trichloropropane	ND	2.0	0.25	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.32	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
1,2,4-Trimethylbenzene	ND	1.0	0.18	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
1,3,5-Trimethylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
Vinyl Chloride	ND	2.0	0.45	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
m+p Xylene	ND	2.0	0.30	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
o-Xylene	ND	1.0	0.17	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	101	70-130		6/21/19 17:04
Toluene-d8	98.6	70-130		6/21/19 17:04
4-Bromofluorobenzene	97.4	70-130		6/21/19 17:04

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway | Sample Description: | Work Order: 19F1123

Date Received: 6/20/2019

Field Sample #: MW-5 | Sampled: 6/18/2019 14:50

Sample ID: 19F1123-05

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	4.7	2.3	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
Acenaphthylene	ND	4.7	2.3	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
Acetophenone	ND	9.5	2.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
Aniline	ND	4.7	3.5	µg/L	1	V-34	SW-846 8270D	6/21/19	6/25/19 17:26	IMR
Anthracene	ND	4.7	2.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
Benzidine	ND	19	11	µg/L	1	R-05, V-04, V-05	SW-846 8270D	6/21/19	6/25/19 17:26	IMR
Benzo(a)anthracene	ND	4.7	2.2	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
Benzo(a)pyrene	ND	4.7	2.3	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
Benzo(b)fluoranthene	ND	4.7	2.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
Benzo(g,h,i)perylene	ND	4.7	3.2	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
Benzo(k)fluoranthene	ND	4.7	2.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
Benzoic Acid	ND	9.5	8.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
Bis(2-chloroethoxy)methane	ND	9.5	2.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
Bis(2-chloroethyl)ether	ND	9.5	2.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
Bis(2-chloroisopropyl)ether	ND	9.5	2.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
Bis(2-Ethylhexyl)phthalate	ND	9.5	1.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
4-Bromophenylphenylether	ND	9.5	3.2	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
Butylbenzylphthalate	ND	9.5	2.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
Carbazole	ND	9.5	2.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
4-Chloroaniline	ND	9.5	2.1	µg/L	1	V-34	SW-846 8270D	6/21/19	6/25/19 17:26	IMR
4-Chloro-3-methylphenol	ND	9.5	1.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
2-Chloronaphthalene	ND	9.5	2.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
2-Chlorophenol	ND	9.5	2.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
4-Chlorophenylphenylether	ND	9.5	2.3	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
Chrysene	ND	4.7	2.3	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
Dibenz(a,h)anthracene	ND	4.7	2.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
Dibenzofuran	ND	4.7	2.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
Di-n-butylphthalate	ND	9.5	2.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
1,2-Dichlorobenzene	ND	4.7	1.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
1,3-Dichlorobenzene	ND	4.7	1.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
1,4-Dichlorobenzene	ND	4.7	2.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
3,3-Dichlorobenzidine	ND	9.5	3.3	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
2,4-Dichlorophenol	ND	9.5	1.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
Diethylphthalate	ND	9.5	1.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
2,4-Dimethylphenol	ND	9.5	3.3	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
Dimethylphthalate	ND	9.5	1.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
4,6-Dinitro-2-methylphenol	ND	9.5	7.3	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
2,4-Dinitrophenol	ND	9.5	7.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
2,4-Dinitrotoluene	ND	9.5	1.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
2,6-Dinitrotoluene	ND	9.5	1.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
Di-n-octylphthalate	ND	9.5	2.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
1,2-Diphenylhydrazine/Azobenzene	ND	9.5	5.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
Fluoranthene	ND	4.7	2.2	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
Fluorene	ND	4.7	2.3	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway | Sample Description: | Work Order: 19F1123

Date Received: 6/20/2019

Field Sample #: MW-5 | Sampled: 6/18/2019 14:50

Sample ID: 19F1123-05

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	9.5	2.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
Hexachlorobutadiene	ND	9.5	1.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
Hexachlorocyclopentadiene	ND	9.5	7.7	µg/L	1	L-04, V-05	SW-846 8270D	6/21/19	6/25/19 17:26	IMR
Hexachloroethane	ND	9.5	1.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
Indeno(1,2,3-cd)pyrene	ND	4.7	3.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
Isophorone	ND	9.5	2.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
1-Methylnaphthalene	ND	4.7	2.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
2-Methylnaphthalene	ND	4.7	2.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
2-Methylphenol	ND	9.5	2.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
3/4-Methylphenol	ND	9.5	2.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
Naphthalene	ND	4.7	2.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
2-Nitroaniline	ND	9.5	3.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
3-Nitroaniline	ND	9.5	1.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
4-Nitroaniline	ND	9.5	1.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
Nitrobenzene	ND	9.5	2.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
2-Nitrophenol	ND	9.5	1.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
4-Nitrophenol	ND	9.5	3.6	µg/L	1	V-20	SW-846 8270D	6/21/19	6/25/19 17:26	IMR
N-Nitrosodimethylamine	ND	9.5	3.0	µg/L	1	V-20	SW-846 8270D	6/21/19	6/25/19 17:26	IMR
N-Nitrosodiphenylamine/Diphenylamine	ND	9.5	5.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
N-Nitrosodi-n-propylamine	ND	9.5	2.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
Pentachloronitrobenzene	ND	9.5	4.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
Pentachlorophenol	ND	9.5	7.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
Phenanthrene	ND	4.7	2.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
Phenol	ND	9.5	2.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
Pyrene	ND	4.7	3.3	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
Pyridine	ND	4.7	3.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
1,2,4,5-Tetrachlorobenzene	ND	9.5	2.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
1,2,4-Trichlorobenzene	ND	4.7	1.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
2,4,5-Trichlorophenol	ND	9.5	1.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
2,4,6-Trichlorophenol	ND	9.5	1.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	35.9	15-110		6/25/19 17:26
Phenol-d6	25.6	15-110		6/25/19 17:26
Nitrobenzene-d5	60.6	30-130		6/25/19 17:26
2-Fluorobiphenyl	64.9	30-130		6/25/19 17:26
2,4,6-Tribromophenol	59.8	15-110		6/25/19 17:26
p-Terphenyl-d14	69.7	30-130		6/25/19 17:26

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway | Sample Description: | Work Order: 19F1123

Date Received: 6/20/2019

Field Sample #: MW-5 | Sampled: 6/18/2019 14:50

Sample ID: 19F1123-05

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	0.74	0.80	0.64	µg/L	1	J	SW-846 6020B	6/25/19	6/27/19 11:44	MJH
Barium	81	10	0.88	µg/L	1		SW-846 6020B	6/25/19	6/27/19 11:44	MJH
Cadmium	0.060	0.20	0.038	µg/L	1	J	SW-846 6020B	6/25/19	6/27/19 11:44	MJH
Chromium	0.89	1.0	0.24	µg/L	1	B, J	SW-846 6020B	6/25/19	6/27/19 11:44	MJH
Lead	0.87	0.50	0.085	µg/L	1		SW-846 6020B	6/25/19	6/27/19 11:44	MJH
Mercury	ND	0.00010	0.000034	mg/L	1		SW-846 7470A	6/26/19	6/26/19 15:37	AJL
Selenium	6.6	5.0	1.6	µg/L	1		SW-846 6020B	6/25/19	6/27/19 11:44	MJH
Silver	ND	0.20	0.18	µg/L	1		SW-846 6020B	6/25/19	6/27/19 11:44	MJH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway | Sample Description: | Work Order: 19F1123

Date Received: 6/20/2019

Field Sample #: MW-6 | Sampled: 6/18/2019 14:55

Sample ID: 19F1123-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	3.8	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
Acrylonitrile	ND	5.0	0.52	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.14	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
Bromobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
Bromochloromethane	ND	1.0	0.32	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
Bromoform	ND	1.0	0.46	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
Bromomethane	ND	2.0	0.78	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
tert-Butyl Alcohol (TBA)	ND	20	4.2	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
n-Butylbenzene	ND	1.0	0.21	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
sec-Butylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
tert-Butylbenzene	ND	1.0	0.17	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
Carbon Disulfide	ND	5.0	4.4	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
Carbon Tetrachloride	ND	5.0	0.11	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
Chlorobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
Chlorodibromomethane	ND	0.50	0.21	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
Chloroethane	ND	2.0	0.35	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
Chloroform	ND	2.0	0.17	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
Chloromethane	ND	2.0	0.45	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
2-Chlorotoluene	ND	1.0	0.12	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
4-Chlorotoluene	ND	1.0	0.14	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.53	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.19	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
Dibromomethane	ND	1.0	0.37	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
1,2-Dichlorobenzene	ND	1.0	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
1,3-Dichlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	0.31	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.26	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
1,1-Dichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
1,2-Dichloroethane	ND	1.0	0.41	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
1,1-Dichloroethylene	ND	1.0	0.32	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
cis-1,2-Dichloroethylene	ND	1.0	0.13	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.31	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
1,2-Dichloropropane	ND	1.0	0.20	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
1,3-Dichloropropane	ND	0.50	0.11	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
2,2-Dichloropropane	ND	1.0	0.20	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
1,1-Dichloropropene	ND	2.0	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
cis-1,3-Dichloropropene	ND	0.50	0.13	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
trans-1,3-Dichloropropene	ND	0.50	0.23	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
Diethyl Ether	ND	2.0	0.34	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway | Sample Description: | Work Order: 19F1123

Date Received: 6/20/2019

Field Sample #: MW-6 | Sampled: 6/18/2019 14:55

Sample ID: 19F1123-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	0.17	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
Ethylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
Hexachlorobutadiene	ND	0.60	0.47	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
2-Hexanone (MBK)	ND	10	1.5	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.17	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.20	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
Methyl Acetate	ND	1.0	0.42	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.25	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
Methyl Cyclohexane	ND	1.0	0.20	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
Methylene Chloride	ND	5.0	0.34	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.7	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
Naphthalene	ND	2.0	0.31	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
n-Propylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
Styrene	ND	1.0	0.11	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	0.27	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.22	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
Tetrachloroethylene	14	1.0	0.18	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
Tetrahydrofuran	ND	10	0.51	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
Toluene	ND	1.0	0.14	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.57	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.40	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
1,3,5-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
1,1,1-Trichloroethane	ND	1.0	0.20	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
1,1,2-Trichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
Trichloroethylene	12	1.0	0.24	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.33	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
1,2,3-Trichloropropane	ND	2.0	0.25	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.32	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
1,2,4-Trimethylbenzene	ND	1.0	0.18	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
1,3,5-Trimethylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
Vinyl Chloride	ND	2.0	0.45	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
m+p Xylene	ND	2.0	0.30	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
o-Xylene	ND	1.0	0.17	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	104	70-130		6/21/19 17:31
Toluene-d8	98.3	70-130		6/21/19 17:31
4-Bromofluorobenzene	97.7	70-130		6/21/19 17:31

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway | Sample Description: | Work Order: 19F1123

Date Received: 6/20/2019

Field Sample #: MW-6 | Sampled: 6/18/2019 14:55

Sample ID: 19F1123-06

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	5.1	2.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
Acenaphthylene	ND	5.1	2.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
Acetophenone	ND	10	3.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
Aniline	ND	5.1	3.8	µg/L	1	V-34	SW-846 8270D	6/21/19	6/25/19 17:52	IMR
Anthracene	ND	5.1	2.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
Benzidine	ND	21	12	µg/L	1	R-05, V-04, V-05	SW-846 8270D	6/21/19	6/25/19 17:52	IMR
Benzo(a)anthracene	ND	5.1	2.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
Benzo(a)pyrene	ND	5.1	2.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
Benzo(b)fluoranthene	ND	5.1	2.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
Benzo(g,h,i)perylene	ND	5.1	3.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
Benzo(k)fluoranthene	ND	5.1	2.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
Benzoic Acid	ND	10	9.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
Bis(2-chloroethoxy)methane	ND	10	2.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
Bis(2-chloroethyl)ether	ND	10	3.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
Bis(2-chloroisopropyl)ether	ND	10	2.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
Bis(2-Ethylhexyl)phthalate	ND	10	1.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
4-Bromophenylphenylether	ND	10	3.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
Butylbenzylphthalate	ND	10	2.3	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
Carbazole	ND	10	2.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
4-Chloroaniline	ND	10	2.2	µg/L	1	V-34	SW-846 8270D	6/21/19	6/25/19 17:52	IMR
4-Chloro-3-methylphenol	ND	10	1.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
2-Chloronaphthalene	ND	10	2.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
2-Chlorophenol	ND	10	2.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
4-Chlorophenylphenylether	ND	10	2.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
Chrysene	ND	5.1	2.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
Dibenz(a,h)anthracene	ND	5.1	3.2	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
Dibenzofuran	ND	5.1	2.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
Di-n-butylphthalate	ND	10	2.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
1,2-Dichlorobenzene	ND	5.1	1.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
1,3-Dichlorobenzene	ND	5.1	1.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
1,4-Dichlorobenzene	ND	5.1	2.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
3,3-Dichlorobenzidine	ND	10	3.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
2,4-Dichlorophenol	ND	10	2.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
Diethylphthalate	ND	10	1.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
2,4-Dimethylphenol	ND	10	3.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
Dimethylphthalate	ND	10	1.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
4,6-Dinitro-2-methylphenol	ND	10	7.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
2,4-Dinitrophenol	ND	10	8.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
2,4-Dinitrotoluene	ND	10	1.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
2,6-Dinitrotoluene	ND	10	1.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
Di-n-octylphthalate	ND	10	3.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
1,2-Diphenylhydrazine/Azobenzene	ND	10	5.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
Fluoranthene	ND	5.1	2.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
Fluorene	ND	5.1	2.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway | Sample Description: | Work Order: 19F1123

Date Received: 6/20/2019

Field Sample #: MW-6 | Sampled: 6/18/2019 14:55

Sample ID: 19F1123-06

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	10	3.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
Hexachlorobutadiene	ND	10	1.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
Hexachlorocyclopentadiene	ND	10	8.4	µg/L	1	L-04, V-05	SW-846 8270D	6/21/19	6/25/19 17:52	IMR
Hexachloroethane	ND	10	1.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
Indeno(1,2,3-cd)pyrene	ND	5.1	3.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
Isophorone	ND	10	2.2	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
1-Methylnaphthalene	ND	5.1	3.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
2-Methylnaphthalene	ND	5.1	2.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
2-Methylphenol	ND	10	2.2	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
3/4-Methylphenol	ND	10	2.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
Naphthalene	ND	5.1	2.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
2-Nitroaniline	ND	10	3.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
3-Nitroaniline	ND	10	1.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
4-Nitroaniline	ND	10	1.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
Nitrobenzene	ND	10	2.2	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
2-Nitrophenol	ND	10	2.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
4-Nitrophenol	ND	10	3.9	µg/L	1	V-20	SW-846 8270D	6/21/19	6/25/19 17:52	IMR
N-Nitrosodimethylamine	ND	10	3.3	µg/L	1	V-20	SW-846 8270D	6/21/19	6/25/19 17:52	IMR
N-Nitrosodiphenylamine/Diphenylamine	ND	10	6.3	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
N-Nitrosodi-n-propylamine	ND	10	3.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
Pentachloronitrobenzene	ND	10	5.2	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
Pentachlorophenol	ND	10	8.3	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
Phenanthrene	ND	5.1	2.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
Phenol	ND	10	3.2	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
Pyrene	ND	5.1	3.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
Pyridine	ND	5.1	3.3	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
1,2,4,5-Tetrachlorobenzene	ND	10	2.2	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
1,2,4-Trichlorobenzene	ND	5.1	1.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
2,4,5-Trichlorophenol	ND	10	1.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
2,4,6-Trichlorophenol	ND	10	2.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	39.5	15-110		6/25/19 17:52
Phenol-d6	29.5	15-110		6/25/19 17:52
Nitrobenzene-d5	66.9	30-130		6/25/19 17:52
2-Fluorobiphenyl	69.1	30-130		6/25/19 17:52
2,4,6-Tribromophenol	62.3	15-110		6/25/19 17:52
p-Terphenyl-d14	71.9	30-130		6/25/19 17:52

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway | Sample Description: | Work Order: 19F1123

Date Received: 6/20/2019

Field Sample #: MW-6 | Sampled: 6/18/2019 14:55

Sample ID: 19F1123-06

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	0.80	0.64	µg/L	1		SW-846 6020B	6/25/19	6/27/19 11:47	MJH
Barium	59	10	0.88	µg/L	1		SW-846 6020B	6/25/19	6/27/19 11:47	MJH
Cadmium	0.092	0.20	0.038	µg/L	1	J	SW-846 6020B	6/25/19	6/27/19 11:47	MJH
Chromium	0.96	1.0	0.24	µg/L	1	B, J	SW-846 6020B	6/25/19	6/27/19 11:47	MJH
Lead	0.98	0.50	0.085	µg/L	1		SW-846 6020B	6/25/19	6/27/19 11:47	MJH
Mercury	ND	0.00010	0.000034	mg/L	1		SW-846 7470A	6/26/19	6/26/19 15:38	AJL
Selenium	2.3	5.0	1.6	µg/L	1	J	SW-846 6020B	6/25/19	6/27/19 11:47	MJH
Silver	ND	0.20	0.18	µg/L	1		SW-846 6020B	6/25/19	6/27/19 11:47	MJH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway | Sample Description: | Work Order: 19F1123

Date Received: 6/20/2019

Field Sample #: DUP | Sampled: 6/19/2019 00:00

Sample ID: 19F1123-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	3.8	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
Acrylonitrile	ND	5.0	0.52	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.14	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
Bromobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
Bromochloromethane	ND	1.0	0.32	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
Bromoform	ND	1.0	0.46	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
Bromomethane	ND	2.0	0.78	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
tert-Butyl Alcohol (TBA)	ND	20	4.2	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
n-Butylbenzene	ND	1.0	0.21	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
sec-Butylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
tert-Butylbenzene	ND	1.0	0.17	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
Carbon Disulfide	ND	5.0	4.4	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
Carbon Tetrachloride	ND	5.0	0.11	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
Chlorobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
Chlorodibromomethane	ND	0.50	0.21	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
Chloroethane	ND	2.0	0.35	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
Chloroform	ND	2.0	0.17	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
Chloromethane	ND	2.0	0.45	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
2-Chlorotoluene	ND	1.0	0.12	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
4-Chlorotoluene	ND	1.0	0.14	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.53	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.19	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
Dibromomethane	ND	1.0	0.37	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
1,2-Dichlorobenzene	ND	1.0	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
1,3-Dichlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	0.31	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.26	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
1,1-Dichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
1,2-Dichloroethane	ND	1.0	0.41	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
1,1-Dichloroethylene	ND	1.0	0.32	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
cis-1,2-Dichloroethylene	ND	1.0	0.13	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.31	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
1,2-Dichloropropane	ND	1.0	0.20	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
1,3-Dichloropropane	ND	0.50	0.11	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
2,2-Dichloropropane	ND	1.0	0.20	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
1,1-Dichloropropene	ND	2.0	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
cis-1,3-Dichloropropene	ND	0.50	0.13	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
trans-1,3-Dichloropropene	ND	0.50	0.23	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
Diethyl Ether	ND	2.0	0.34	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway | Sample Description: | Work Order: 19F1123

Date Received: 6/20/2019

Field Sample #: DUP | Sampled: 6/19/2019 00:00

Sample ID: 19F1123-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	0.17	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
Ethylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
Hexachlorobutadiene	ND	0.60	0.47	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
2-Hexanone (MBK)	ND	10	1.5	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.17	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.20	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
Methyl Acetate	ND	1.0	0.42	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.25	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
Methyl Cyclohexane	ND	1.0	0.20	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
Methylene Chloride	ND	5.0	0.34	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.7	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
Naphthalene	ND	2.0	0.31	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
n-Propylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
Styrene	ND	1.0	0.11	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	0.27	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.22	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
Tetrachloroethylene	0.69	1.0	0.18	µg/L	1	J	SW-846 8260C	6/21/19	6/21/19 17:57	EEH
Tetrahydrofuran	ND	10	0.51	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
Toluene	ND	1.0	0.14	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.57	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.40	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
1,3,5-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
1,1,1-Trichloroethane	ND	1.0	0.20	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
1,1,2-Trichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
Trichloroethylene	1.5	1.0	0.24	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.33	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
1,2,3-Trichloropropane	ND	2.0	0.25	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.32	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
1,2,4-Trimethylbenzene	ND	1.0	0.18	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
1,3,5-Trimethylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
Vinyl Chloride	ND	2.0	0.45	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
m+p Xylene	ND	2.0	0.30	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
o-Xylene	ND	1.0	0.17	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	101	70-130		6/21/19 17:57
Toluene-d8	97.2	70-130		6/21/19 17:57
4-Bromofluorobenzene	97.0	70-130		6/21/19 17:57

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway | Sample Description: | Work Order: 19F1123

Date Received: 6/20/2019

Field Sample #: DUP | Sampled: 6/19/2019 00:00

Sample ID: 19F1123-07

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	5.0	2.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
Acenaphthylene	ND	5.0	2.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
Acetophenone	ND	10	3.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
Aniline	ND	5.0	3.7	µg/L	1	V-34	SW-846 8270D	6/21/19	6/25/19 18:18	IMR
Anthracene	ND	5.0	2.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
Benzidine	ND	20	12	µg/L	1	R-05, V-04, V-05	SW-846 8270D	6/21/19	6/25/19 18:18	IMR
Benzo(a)anthracene	ND	5.0	2.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
Benzo(a)pyrene	ND	5.0	2.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
Benzo(b)fluoranthene	ND	5.0	2.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
Benzo(g,h,i)perylene	ND	5.0	3.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
Benzo(k)fluoranthene	ND	5.0	2.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
Benzoic Acid	ND	10	8.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
Bis(2-chloroethoxy)methane	ND	10	2.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
Bis(2-chloroethyl)ether	ND	10	3.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
Bis(2-chloroisopropyl)ether	ND	10	2.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
Bis(2-Ethylhexyl)phthalate	ND	10	1.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
4-Bromophenylphenylether	ND	10	3.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
Butylbenzylphthalate	ND	10	2.2	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
Carbazole	ND	10	2.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
4-Chloroaniline	ND	10	2.2	µg/L	1	V-34	SW-846 8270D	6/21/19	6/25/19 18:18	IMR
4-Chloro-3-methylphenol	ND	10	1.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
2-Chloronaphthalene	ND	10	2.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
2-Chlorophenol	ND	10	2.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
4-Chlorophenylphenylether	ND	10	2.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
Chrysene	ND	5.0	2.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
Dibenz(a,h)anthracene	ND	5.0	3.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
Dibenzofuran	ND	5.0	2.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
Di-n-butylphthalate	ND	10	2.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
1,2-Dichlorobenzene	ND	5.0	1.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
1,3-Dichlorobenzene	ND	5.0	1.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
1,4-Dichlorobenzene	ND	5.0	2.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
3,3-Dichlorobenzidine	ND	10	3.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
2,4-Dichlorophenol	ND	10	2.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
Diethylphthalate	ND	10	1.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
2,4-Dimethylphenol	ND	10	3.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
Dimethylphthalate	ND	10	1.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
4,6-Dinitro-2-methylphenol	ND	10	7.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
2,4-Dinitrophenol	ND	10	7.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
2,4-Dinitrotoluene	ND	10	1.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
2,6-Dinitrotoluene	ND	10	1.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
Di-n-octylphthalate	ND	10	2.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
1,2-Diphenylhydrazine/Azobenzene	ND	10	5.3	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
Fluoranthene	ND	5.0	2.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
Fluorene	ND	5.0	2.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway | Sample Description: | Work Order: 19F1123

Date Received: 6/20/2019

Field Sample #: DUP | Sampled: 6/19/2019 00:00

Sample ID: 19F1123-07

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	10	3.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
Hexachlorobutadiene	ND	10	1.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
Hexachlorocyclopentadiene	ND	10	8.2	µg/L	1	L-04, V-05	SW-846 8270D	6/21/19	6/25/19 18:18	IMR
Hexachloroethane	ND	10	1.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
Indeno(1,2,3-cd)pyrene	ND	5.0	3.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
Isophorone	ND	10	2.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
1-Methylnaphthalene	ND	5.0	3.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
2-Methylnaphthalene	ND	5.0	2.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
2-Methylphenol	ND	10	2.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
3/4-Methylphenol	ND	10	2.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
Naphthalene	ND	5.0	2.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
2-Nitroaniline	ND	10	3.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
3-Nitroaniline	ND	10	1.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
4-Nitroaniline	ND	10	1.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
Nitrobenzene	ND	10	2.2	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
2-Nitrophenol	ND	10	2.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
4-Nitrophenol	ND	10	3.8	µg/L	1	V-20	SW-846 8270D	6/21/19	6/25/19 18:18	IMR
N-Nitrosodimethylamine	ND	10	3.2	µg/L	1	V-20	SW-846 8270D	6/21/19	6/25/19 18:18	IMR
N-Nitrosodiphenylamine/Diphenylamine	ND	10	6.2	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
N-Nitrosodi-n-propylamine	ND	10	3.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
Pentachloronitrobenzene	ND	10	5.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
Pentachlorophenol	ND	10	8.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
Phenanthrene	ND	5.0	2.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
Phenol	ND	10	3.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
Pyrene	ND	5.0	3.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
Pyridine	ND	5.0	3.2	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
1,2,4,5-Tetrachlorobenzene	ND	10	2.2	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
1,2,4-Trichlorobenzene	ND	5.0	1.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
2,4,5-Trichlorophenol	ND	10	1.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
2,4,6-Trichlorophenol	ND	10	2.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	39.0	15-110		6/25/19 18:18
Phenol-d6	28.9	15-110		6/25/19 18:18
Nitrobenzene-d5	68.6	30-130		6/25/19 18:18
2-Fluorobiphenyl	70.5	30-130		6/25/19 18:18
2,4,6-Tribromophenol	63.2	15-110		6/25/19 18:18
p-Terphenyl-d14	72.9	30-130		6/25/19 18:18

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway | Sample Description: | Work Order: 19F1123

Date Received: 6/20/2019

Field Sample #: DUP | Sampled: 6/19/2019 00:00

Sample ID: 19F1123-07

Sample Matrix: Ground Water

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.30	0.27	µg/L	1		SW-846 8082A	6/21/19	6/25/19 10:45	TG
Aroclor-1221 [1]	ND	0.30	0.24	µg/L	1		SW-846 8082A	6/21/19	6/25/19 10:45	TG
Aroclor-1232 [1]	ND	0.30	0.29	µg/L	1		SW-846 8082A	6/21/19	6/25/19 10:45	TG
Aroclor-1242 [1]	ND	0.30	0.26	µg/L	1		SW-846 8082A	6/21/19	6/25/19 10:45	TG
Aroclor-1248 [1]	ND	0.30	0.28	µg/L	1		SW-846 8082A	6/21/19	6/25/19 10:45	TG
Aroclor-1254 [1]	ND	0.30	0.16	µg/L	1		SW-846 8082A	6/21/19	6/25/19 10:45	TG
Aroclor-1260 [1]	ND	0.30	0.29	µg/L	1		SW-846 8082A	6/21/19	6/25/19 10:45	TG
Aroclor-1262 [1]	ND	0.30	0.20	µg/L	1		SW-846 8082A	6/21/19	6/25/19 10:45	TG
Aroclor-1268 [1]	ND	0.30	0.19	µg/L	1		SW-846 8082A	6/21/19	6/25/19 10:45	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	82.4	30-150		6/25/19 10:45
Decachlorobiphenyl [2]	86.9	30-150		6/25/19 10:45
Tetrachloro-m-xylene [1]	73.9	30-150		6/25/19 10:45
Tetrachloro-m-xylene [2]	80.4	30-150		6/25/19 10:45

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway | Sample Description: | Work Order: 19F1123

Date Received: 6/20/2019

Field Sample #: DUP | Sampled: 6/19/2019 00:00

Sample ID: 19F1123-07

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	0.80	0.64	µg/L	1		SW-846 6020B	6/25/19	6/28/19 10:04	QNW
Barium	35	10	0.88	µg/L	1		SW-846 6020B	6/25/19	6/28/19 10:04	QNW
Cadmium	0.25	0.20	0.038	µg/L	1		SW-846 6020B	6/25/19	6/28/19 10:04	QNW
Chromium	0.91	1.0	0.24	µg/L	1	B, J	SW-846 6020B	6/25/19	6/28/19 10:04	QNW
Lead	0.35	0.50	0.085	µg/L	1	J	SW-846 6020B	6/25/19	6/28/19 10:04	QNW
Mercury	ND	0.00010	0.000034	mg/L	1		SW-846 7470A	6/26/19	6/26/19 15:44	AJL
Selenium	15	5.0	1.6	µg/L	1		SW-846 6020B	6/25/19	6/28/19 10:04	QNW
Silver	ND	0.20	0.18	µg/L	1		SW-846 6020B	6/25/19	6/28/19 10:04	QNW

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway | Sample Description: | Work Order: 19F1123

Date Received: 6/20/2019

Field Sample #: Trip Blank | Sampled: 6/19/2019 00:00

Sample ID: 19F1123-08

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	3.8	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
Acrylonitrile	ND	5.0	0.52	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.14	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
Bromobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
Bromochloromethane	ND	1.0	0.32	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
Bromoform	ND	1.0	0.46	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
Bromomethane	ND	2.0	0.78	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
tert-Butyl Alcohol (TBA)	ND	20	4.2	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
n-Butylbenzene	ND	1.0	0.21	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
sec-Butylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
tert-Butylbenzene	ND	1.0	0.17	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
Carbon Disulfide	ND	5.0	4.4	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
Carbon Tetrachloride	ND	5.0	0.11	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
Chlorobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
Chlorodibromomethane	ND	0.50	0.21	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
Chloroethane	ND	2.0	0.35	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
Chloroform	ND	2.0	0.17	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
Chloromethane	ND	2.0	0.45	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
2-Chlorotoluene	ND	1.0	0.12	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
4-Chlorotoluene	ND	1.0	0.14	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.53	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.19	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
Dibromomethane	ND	1.0	0.37	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
1,2-Dichlorobenzene	ND	1.0	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
1,3-Dichlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	0.31	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.26	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
1,1-Dichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
1,2-Dichloroethane	ND	1.0	0.41	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
1,1-Dichloroethylene	ND	1.0	0.32	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
cis-1,2-Dichloroethylene	ND	1.0	0.13	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.31	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
1,2-Dichloropropane	ND	1.0	0.20	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
1,3-Dichloropropane	ND	0.50	0.11	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
2,2-Dichloropropane	ND	1.0	0.20	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
1,1-Dichloropropene	ND	2.0	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
cis-1,3-Dichloropropene	ND	0.50	0.13	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
trans-1,3-Dichloropropene	ND	0.50	0.23	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
Diethyl Ether	ND	2.0	0.34	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway | Sample Description: | Work Order: 19F1123

Date Received: 6/20/2019

Field Sample #: Trip Blank | Sampled: 6/19/2019 00:00

Sample ID: 19F1123-08

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	0.17	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
Ethylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
Hexachlorobutadiene	ND	0.60	0.47	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
2-Hexanone (MBK)	ND	10	1.5	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.17	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.20	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
Methyl Acetate	ND	1.0	0.42	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.25	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
Methyl Cyclohexane	ND	1.0	0.20	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
Methylene Chloride	ND	5.0	0.34	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.7	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
Naphthalene	ND	2.0	0.31	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
n-Propylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
Styrene	ND	1.0	0.11	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	0.27	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.22	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
Tetrachloroethylene	ND	1.0	0.18	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
Tetrahydrofuran	ND	10	0.51	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
Toluene	ND	1.0	0.14	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.57	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.40	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
1,3,5-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
1,1,1-Trichloroethane	ND	1.0	0.20	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
1,1,2-Trichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
Trichloroethylene	ND	1.0	0.24	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.33	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
1,2,3-Trichloropropane	ND	2.0	0.25	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.32	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
1,2,4-Trimethylbenzene	ND	1.0	0.18	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
1,3,5-Trimethylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
Vinyl Chloride	ND	2.0	0.45	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
m+p Xylene	ND	2.0	0.30	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
o-Xylene	ND	1.0	0.17	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	101	70-130		6/21/19 12:14
Toluene-d8	97.5	70-130		6/21/19 12:14
4-Bromofluorobenzene	101	70-130		6/21/19 12:14

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Sample Extraction Data

Prep Method: SW-846 3005A-SW-846 6020B

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
19F1123-01 [MW-1]	B234110	50.0	50.0	06/25/19
19F1123-02 [MW-2]	B234110	50.0	50.0	06/25/19
19F1123-03 [MW-3]	B234110	50.0	50.0	06/25/19
19F1123-04 [MW-4]	B234110	50.0	50.0	06/25/19
19F1123-05 [MW-5]	B234110	50.0	50.0	06/25/19
19F1123-06 [MW-6]	B234110	50.0	50.0	06/25/19
19F1123-07 [DUP]	B234110	50.0	50.0	06/25/19

Prep Method: SW-846 7470A Prep-SW-846 7470A

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
19F1123-01 [MW-1]	B234222	6.00	6.00	06/26/19
19F1123-02 [MW-2]	B234222	6.00	6.00	06/26/19
19F1123-03 [MW-3]	B234222	6.00	6.00	06/26/19
19F1123-04 [MW-4]	B234222	6.00	6.00	06/26/19
19F1123-05 [MW-5]	B234222	6.00	6.00	06/26/19
19F1123-06 [MW-6]	B234222	6.00	6.00	06/26/19
19F1123-07 [DUP]	B234222	6.00	6.00	06/26/19

Prep Method: SW-846 3510C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
19F1123-02 [MW-2]	B233911	130	2.00	06/21/19
19F1123-04 [MW-4]	B233911	135	2.00	06/21/19
19F1123-07 [DUP]	B233911	135	2.00	06/21/19

Prep Method: SW-846 5030B-SW-846 8260C

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
19F1123-01 [MW-1]	B233900	5	5.00	06/21/19
19F1123-02 [MW-2]	B233900	5	5.00	06/21/19
19F1123-03 [MW-3]	B233900	5	5.00	06/21/19
19F1123-04 [MW-4]	B233900	5	5.00	06/21/19
19F1123-05 [MW-5]	B233900	5	5.00	06/21/19
19F1123-06 [MW-6]	B233900	5	5.00	06/21/19
19F1123-07 [DUP]	B233900	5	5.00	06/21/19
19F1123-08 [Trip Blank]	B233900	5	5.00	06/21/19

Prep Method: SW-846 3510C-SW-846 8270D

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
19F1123-01 [MW-1]	B233869	1060	1.00	06/21/19
19F1123-02 [MW-2]	B233869	985	1.00	06/21/19
19F1123-03 [MW-3]	B233869	1060	1.00	06/21/19
19F1123-04 [MW-4]	B233869	985	1.00	06/21/19
19F1123-05 [MW-5]	B233869	1060	1.00	06/21/19
19F1123-06 [MW-6]	B233869	975	1.00	06/21/19
19F1123-07 [DUP]	B233869	1000	1.00	06/21/19

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B233900 - SW-846 5030B										
Blank (B233900-BLK1)				Prepared & Analyzed: 06/21/19						
Acetone	ND	50	µg/L							
Acrylonitrile	ND	5.0	µg/L							
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L							
Benzene	ND	1.0	µg/L							
Bromobenzene	ND	1.0	µg/L							
Bromochloromethane	ND	1.0	µg/L							
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	1.0	µg/L							
Bromomethane	ND	2.0	µg/L							
2-Butanone (MEK)	ND	20	µg/L							
tert-Butyl Alcohol (TBA)	ND	20	µg/L							
n-Butylbenzene	ND	1.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L							
Carbon Disulfide	ND	5.0	µg/L							
Carbon Tetrachloride	ND	5.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
2-Chlorotoluene	ND	1.0	µg/L							
4-Chlorotoluene	ND	1.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
Dibromomethane	ND	1.0	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
1,3-Dichloropropane	ND	0.50	µg/L							
2,2-Dichloropropane	ND	1.0	µg/L							
1,1-Dichloropropene	ND	2.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Diethyl Ether	ND	2.0	µg/L							
Diisopropyl Ether (DIPE)	ND	0.50	µg/L							
1,4-Dioxane	ND	50	µg/L							
Ethylbenzene	ND	1.0	µg/L							
Hexachlorobutadiene	ND	0.60	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L							
Methyl Acetate	ND	1.0	µg/L							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B233900 - SW-846 5030B											
Blank (B233900-BLK1)				Prepared & Analyzed: 06/21/19							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L								
Methyl Cyclohexane	ND	1.0	µg/L								
Methylene Chloride	ND	5.0	µg/L								
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L								
Naphthalene	ND	2.0	µg/L								
n-Propylbenzene	ND	1.0	µg/L								
Styrene	ND	1.0	µg/L								
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L								
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L								
Tetrachloroethylene	ND	1.0	µg/L								
Tetrahydrofuran	ND	10	µg/L								
Toluene	ND	1.0	µg/L								
1,2,3-Trichlorobenzene	ND	5.0	µg/L								
1,2,4-Trichlorobenzene	ND	1.0	µg/L								
1,3,5-Trichlorobenzene	ND	1.0	µg/L								
1,1,1-Trichloroethane	ND	1.0	µg/L								
1,1,2-Trichloroethane	ND	1.0	µg/L								
Trichloroethylene	ND	1.0	µg/L								
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L								
1,2,3-Trichloropropane	ND	2.0	µg/L								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L								
1,2,4-Trimethylbenzene	ND	1.0	µg/L								
1,3,5-Trimethylbenzene	ND	1.0	µg/L								
Vinyl Chloride	ND	2.0	µg/L								
m+p Xylene	ND	2.0	µg/L								
o-Xylene	ND	1.0	µg/L								
Surrogate: 1,2-Dichloroethane-d4	*25.5*		µg/L	25.0		102	70-130				
Surrogate: Toluene-d8	*24.4*		µg/L	25.0		97.5	70-130				
Surrogate: 4-Bromofluorobenzene	*24.8*		µg/L	25.0		99.1	70-130				
LCS (B233900-BS1)				Prepared & Analyzed: 06/21/19							
Acetone	103	50	µg/L	100		103	70-160				†
Acrylonitrile	9.81	5.0	µg/L	10.0		98.1	70-130				
tert-Amyl Methyl Ether (TAME)	10.0	0.50	µg/L	10.0		100	70-130				
Benzene	10.4	1.0	µg/L	10.0		104	70-130				
Bromobenzene	10.8	1.0	µg/L	10.0		108	70-130				
Bromochloromethane	11.0	1.0	µg/L	10.0		110	70-130				
Bromodichloromethane	11.2	0.50	µg/L	10.0		112	70-130				
Bromoform	11.6	1.0	µg/L	10.0		116	70-130				
Bromomethane	6.84	2.0	µg/L	10.0		68.4	40-160			V-20	†
2-Butanone (MEK)	100	20	µg/L	100		100	40-160				†
tert-Butyl Alcohol (TBA)	102	20	µg/L	100		102	40-160				†
n-Butylbenzene	10.9	1.0	µg/L	10.0		109	70-130				
sec-Butylbenzene	10.9	1.0	µg/L	10.0		109	70-130				
tert-Butylbenzene	10.3	1.0	µg/L	10.0		103	70-130				
tert-Butyl Ethyl Ether (TBEE)	9.43	0.50	µg/L	10.0		94.3	70-130				
Carbon Disulfide	12.0	5.0	µg/L	10.0		120	70-130				
Carbon Tetrachloride	10.1	5.0	µg/L	10.0		101	70-130				
Chlorobenzene	11.4	1.0	µg/L	10.0		114	70-130				
Chlorodibromomethane	11.1	0.50	µg/L	10.0		111	70-130				
Chloroethane	11.2	2.0	µg/L	10.0		112	70-130				
Chloroform	10.5	2.0	µg/L	10.0		105	70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B233900 - SW-846 5030B											
LCS (B233900-BS1)				Prepared & Analyzed: 06/21/19							
Chloromethane	9.51	2.0	µg/L	10.0		95.1	40-160			V-20	†
2-Chlorotoluene	11.2	1.0	µg/L	10.0		112	70-130				
4-Chlorotoluene	11.4	1.0	µg/L	10.0		114	70-130				
1,2-Dibromo-3-chloropropane (DBCP)	10.9	5.0	µg/L	10.0		109	70-130				
1,2-Dibromoethane (EDB)	11.6	0.50	µg/L	10.0		116	70-130				
Dibromomethane	11.2	1.0	µg/L	10.0		112	70-130				
1,2-Dichlorobenzene	10.9	1.0	µg/L	10.0		109	70-130				
1,3-Dichlorobenzene	11.4	1.0	µg/L	10.0		114	70-130				
1,4-Dichlorobenzene	11.2	1.0	µg/L	10.0		112	70-130				
trans-1,4-Dichloro-2-butene	12.5	2.0	µg/L	10.0		125	70-130				
Dichlorodifluoromethane (Freon 12)	9.74	2.0	µg/L	10.0		97.4	40-160				†
1,1-Dichloroethane	10.5	1.0	µg/L	10.0		105	70-130				
1,2-Dichloroethane	10.7	1.0	µg/L	10.0		107	70-130				
1,1-Dichloroethylene	10.8	1.0	µg/L	10.0		108	70-130				
cis-1,2-Dichloroethylene	10.8	1.0	µg/L	10.0		108	70-130				
trans-1,2-Dichloroethylene	10.2	1.0	µg/L	10.0		102	70-130				
1,2-Dichloropropane	10.6	1.0	µg/L	10.0		106	70-130				
1,3-Dichloropropane	10.3	0.50	µg/L	10.0		103	70-130				
2,2-Dichloropropane	10.3	1.0	µg/L	10.0		103	40-130				†
1,1-Dichloropropene	10.3	2.0	µg/L	10.0		103	70-130				
cis-1,3-Dichloropropene	10.4	0.50	µg/L	10.0		104	70-130				
trans-1,3-Dichloropropene	10.9	0.50	µg/L	10.0		109	70-130				
Diethyl Ether	10.3	2.0	µg/L	10.0		103	70-130				
Diisopropyl Ether (DIPE)	9.89	0.50	µg/L	10.0		98.9	70-130				
1,4-Dioxane	106	50	µg/L	100		106	40-130				†
Ethylbenzene	11.1	1.0	µg/L	10.0		111	70-130				
Hexachlorobutadiene	11.8	0.60	µg/L	10.0		118	70-130				
2-Hexanone (MBK)	102	10	µg/L	100		102	70-160				†
Isopropylbenzene (Cumene)	11.0	1.0	µg/L	10.0		110	70-130				
p-Isopropyltoluene (p-Cymene)	10.8	1.0	µg/L	10.0		108	70-130				
Methyl Acetate	10.9	1.0	µg/L	10.0		109	70-130				
Methyl tert-Butyl Ether (MTBE)	10.3	1.0	µg/L	10.0		103	70-130				
Methyl Cyclohexane	10.9	1.0	µg/L	10.0		109	70-130				
Methylene Chloride	10.5	5.0	µg/L	10.0		105	70-130				
4-Methyl-2-pentanone (MIBK)	103	10	µg/L	100		103	70-160				†
Naphthalene	10.9	2.0	µg/L	10.0		109	40-130				†
n-Propylbenzene	11.4	1.0	µg/L	10.0		114	70-130				
Styrene	11.1	1.0	µg/L	10.0		111	70-130				
1,1,1,2-Tetrachloroethane	11.9	1.0	µg/L	10.0		119	70-130				
1,1,2,2-Tetrachloroethane	12.2	0.50	µg/L	10.0		122	70-130				
Tetrachloroethylene	11.7	1.0	µg/L	10.0		117	70-130				
Tetrahydrofuran	10.8	10	µg/L	10.0		108	70-130				
Toluene	10.9	1.0	µg/L	10.0		109	70-130				
1,2,3-Trichlorobenzene	11.0	5.0	µg/L	10.0		110	70-130				
1,2,4-Trichlorobenzene	11.1	1.0	µg/L	10.0		111	70-130				
1,3,5-Trichlorobenzene	10.5	1.0	µg/L	10.0		105	70-130				
1,1,1-Trichloroethane	10.7	1.0	µg/L	10.0		107	70-130				
1,1,2-Trichloroethane	11.4	1.0	µg/L	10.0		114	70-130				
Trichloroethylene	11.0	1.0	µg/L	10.0		110	70-130				
Trichlorofluoromethane (Freon 11)	9.94	2.0	µg/L	10.0		99.4	70-130				
1,2,3-Trichloropropane	10.7	2.0	µg/L	10.0		107	70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B233900 - SW-846 5030B											
LCS (B233900-BS1)				Prepared & Analyzed: 06/21/19							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.4	1.0	µg/L	10.0		114	70-130				
1,2,4-Trimethylbenzene	10.2	1.0	µg/L	10.0		102	70-130				
1,3,5-Trimethylbenzene	10.9	1.0	µg/L	10.0		109	70-130				
Vinyl Chloride	9.39	2.0	µg/L	10.0		93.9	40-160				†
m+p Xylene	22.5	2.0	µg/L	20.0		112	70-130				
o-Xylene	11.2	1.0	µg/L	10.0		112	70-130				
Surrogate: 1,2-Dichloroethane-d4	*24.3*		µg/L	25.0		97.2	70-130				
Surrogate: Toluene-d8	*24.8*		µg/L	25.0		99.2	70-130				
Surrogate: 4-Bromofluorobenzene	*24.9*		µg/L	25.0		99.7	70-130				
LCS Dup (B233900-BSD1)				Prepared & Analyzed: 06/21/19							
Acetone	101	50	µg/L	100		101	70-160	1.87	25		†
Acrylonitrile	9.78	5.0	µg/L	10.0		97.8	70-130	0.306	25		
tert-Amyl Methyl Ether (TAME)	10.2	0.50	µg/L	10.0		102	70-130	1.88	25		
Benzene	10.2	1.0	µg/L	10.0		102	70-130	1.65	25		
Bromobenzene	10.5	1.0	µg/L	10.0		105	70-130	3.09	25		
Bromochloromethane	11.0	1.0	µg/L	10.0		110	70-130	0.909	25		
Bromodichloromethane	11.2	0.50	µg/L	10.0		112	70-130	0.178	25		
Bromoform	11.6	1.0	µg/L	10.0		116	70-130	0.173	25		
Bromomethane	7.41	2.0	µg/L	10.0		74.1	40-160	8.00	25	V-20	†
2-Butanone (MEK)	97.9	20	µg/L	100		97.9	40-160	2.38	25		†
tert-Butyl Alcohol (TBA)	96.3	20	µg/L	100		96.3	40-160	5.40	25		†
n-Butylbenzene	10.7	1.0	µg/L	10.0		107	70-130	1.57	25		
sec-Butylbenzene	11.1	1.0	µg/L	10.0		111	70-130	1.09	25		
tert-Butylbenzene	10.5	1.0	µg/L	10.0		105	70-130	1.25	25		
tert-Butyl Ethyl Ether (TBEE)	9.52	0.50	µg/L	10.0		95.2	70-130	0.950	25		
Carbon Disulfide	11.3	5.0	µg/L	10.0		113	70-130	5.49	25		
Carbon Tetrachloride	10.2	5.0	µg/L	10.0		102	70-130	0.394	25		
Chlorobenzene	11.3	1.0	µg/L	10.0		113	70-130	0.440	25		
Chlorodibromomethane	11.2	0.50	µg/L	10.0		112	70-130	0.898	25		
Chloroethane	9.96	2.0	µg/L	10.0		99.6	70-130	11.6	25		
Chloroform	10.5	2.0	µg/L	10.0		105	70-130	0.381	25		
Chloromethane	9.42	2.0	µg/L	10.0		94.2	40-160	0.951	25	V-20	†
2-Chlorotoluene	11.2	1.0	µg/L	10.0		112	70-130	0.0896	25		
4-Chlorotoluene	11.2	1.0	µg/L	10.0		112	70-130	1.76	25		
1,2-Dibromo-3-chloropropane (DBCP)	11.2	5.0	µg/L	10.0		112	70-130	2.63	25		
1,2-Dibromoethane (EDB)	11.5	0.50	µg/L	10.0		115	70-130	0.955	25		
Dibromomethane	11.0	1.0	µg/L	10.0		110	70-130	2.34	25		
1,2-Dichlorobenzene	11.1	1.0	µg/L	10.0		111	70-130	2.27	25		
1,3-Dichlorobenzene	11.4	1.0	µg/L	10.0		114	70-130	0.790	25		
1,4-Dichlorobenzene	11.2	1.0	µg/L	10.0		112	70-130	0.625	25		
trans-1,4-Dichloro-2-butene	12.7	2.0	µg/L	10.0		127	70-130	1.27	25		
Dichlorodifluoromethane (Freon 12)	9.64	2.0	µg/L	10.0		96.4	40-160	1.03	25		†
1,1-Dichloroethane	10.2	1.0	µg/L	10.0		102	70-130	3.09	25		
1,2-Dichloroethane	10.6	1.0	µg/L	10.0		106	70-130	0.842	25		
1,1-Dichloroethylene	10.8	1.0	µg/L	10.0		108	70-130	0.0926	25		
cis-1,2-Dichloroethylene	10.4	1.0	µg/L	10.0		104	70-130	3.95	25		
trans-1,2-Dichloroethylene	10.1	1.0	µg/L	10.0		101	70-130	1.67	25		
1,2-Dichloropropane	10.6	1.0	µg/L	10.0		106	70-130	0.755	25		
1,3-Dichloropropane	10.4	0.50	µg/L	10.0		104	70-130	0.290	25		
2,2-Dichloropropane	9.91	1.0	µg/L	10.0		99.1	40-130	4.25	25		†
1,1-Dichloropropene	10.2	2.0	µg/L	10.0		102	70-130	0.781	25		

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B233900 - SW-846 5030B										
LCS Dup (B233900-BSD1)				Prepared & Analyzed: 06/21/19						
cis-1,3-Dichloropropene	10.5	0.50	µg/L	10.0		105	70-130	1.43	25	
trans-1,3-Dichloropropene	10.5	0.50	µg/L	10.0		105	70-130	4.11	25	
Diethyl Ether	11.0	2.0	µg/L	10.0		110	70-130	6.37	25	
Diisopropyl Ether (DIPE)	9.86	0.50	µg/L	10.0		98.6	70-130	0.304	25	
1,4-Dioxane	106	50	µg/L	100		106	40-130	0.688	50	† ‡
Ethylbenzene	10.8	1.0	µg/L	10.0		108	70-130	2.37	25	
Hexachlorobutadiene	11.9	0.60	µg/L	10.0		119	70-130	0.932	25	
2-Hexanone (MBK)	97.6	10	µg/L	100		97.6	70-160	4.39	25	†
Isopropylbenzene (Cumene)	10.9	1.0	µg/L	10.0		109	70-130	1.73	25	
p-Isopropyltoluene (p-Cymene)	10.5	1.0	µg/L	10.0		105	70-130	2.63	25	
Methyl Acetate	10.3	1.0	µg/L	10.0		103	70-130	5.95	25	
Methyl tert-Butyl Ether (MTBE)	10.3	1.0	µg/L	10.0		103	70-130	0.292	25	
Methyl Cyclohexane	10.3	1.0	µg/L	10.0		103	70-130	6.13	25	
Methylene Chloride	10.7	5.0	µg/L	10.0		107	70-130	1.79	25	
4-Methyl-2-pentanone (MIBK)	100	10	µg/L	100		100	70-160	2.43	25	†
Naphthalene	10.9	2.0	µg/L	10.0		109	40-130	0.275	25	†
n-Propylbenzene	11.2	1.0	µg/L	10.0		112	70-130	1.42	25	
Styrene	11.0	1.0	µg/L	10.0		110	70-130	0.813	25	
1,1,1,2-Tetrachloroethane	11.8	1.0	µg/L	10.0		118	70-130	1.02	25	
1,1,2,2-Tetrachloroethane	12.1	0.50	µg/L	10.0		121	70-130	1.24	25	
Tetrachloroethylene	11.2	1.0	µg/L	10.0		112	70-130	4.20	25	
Tetrahydrofuran	10.2	10	µg/L	10.0		102	70-130	5.79	25	
Toluene	10.6	1.0	µg/L	10.0		106	70-130	2.97	25	
1,2,3-Trichlorobenzene	10.8	5.0	µg/L	10.0		108	70-130	1.38	25	
1,2,4-Trichlorobenzene	10.9	1.0	µg/L	10.0		109	70-130	1.82	25	
1,3,5-Trichlorobenzene	10.4	1.0	µg/L	10.0		104	70-130	0.953	25	
1,1,1-Trichloroethane	10.8	1.0	µg/L	10.0		108	70-130	0.650	25	
1,1,2-Trichloroethane	11.2	1.0	µg/L	10.0		112	70-130	1.32	25	
Trichloroethylene	10.6	1.0	µg/L	10.0		106	70-130	3.60	25	
Trichlorofluoromethane (Freon 11)	9.76	2.0	µg/L	10.0		97.6	70-130	1.83	25	
1,2,3-Trichloropropane	11.0	2.0	µg/L	10.0		110	70-130	2.59	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.0	1.0	µg/L	10.0		110	70-130	3.30	25	
1,2,4-Trimethylbenzene	10.2	1.0	µg/L	10.0		102	70-130	0.294	25	
1,3,5-Trimethylbenzene	10.6	1.0	µg/L	10.0		106	70-130	2.98	25	
Vinyl Chloride	9.52	2.0	µg/L	10.0		95.2	40-160	1.37	25	†
m+p Xylene	21.9	2.0	µg/L	20.0		110	70-130	2.57	25	
o-Xylene	11.0	1.0	µg/L	10.0		110	70-130	1.71	25	
Surrogate: 1,2-Dichloroethane-d4	*24.5*		µg/L	25.0		98.1	70-130			
Surrogate: Toluene-d8	*25.0*		µg/L	25.0		99.9	70-130			
Surrogate: 4-Bromofluorobenzene	*25.0*		µg/L	25.0		100	70-130			

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B233869 - SW-846 3510C										
Blank (B233869-BLK1)				Prepared: 06/21/19 Analyzed: 06/24/19						
Acenaphthene	ND	5.0	µg/L							
Acenaphthylene	ND	5.0	µg/L							
Acetophenone	ND	10	µg/L							
Aniline	ND	5.0	µg/L							V-34
Anthracene	ND	5.0	µg/L							
Benzidine	ND	20	µg/L							R-05, V-04
Benzo(a)anthracene	ND	5.0	µg/L							
Benzo(a)pyrene	ND	5.0	µg/L							
Benzo(b)fluoranthene	ND	5.0	µg/L							
Benzo(g,h,i)perylene	ND	5.0	µg/L							
Benzo(k)fluoranthene	ND	5.0	µg/L							
Benzoic Acid	ND	10	µg/L							
Bis(2-chloroethoxy)methane	ND	10	µg/L							
Bis(2-chloroethyl)ether	ND	10	µg/L							
Bis(2-chloroisopropyl)ether	ND	10	µg/L							
Bis(2-Ethylhexyl)phthalate	ND	10	µg/L							
4-Bromophenylphenylether	ND	10	µg/L							
Butylbenzylphthalate	ND	10	µg/L							
Carbazole	ND	10	µg/L							
4-Chloroaniline	ND	10	µg/L							V-34
4-Chloro-3-methylphenol	ND	10	µg/L							
2-Chloronaphthalene	ND	10	µg/L							
2-Chlorophenol	ND	10	µg/L							
4-Chlorophenylphenylether	ND	10	µg/L							
Chrysene	ND	5.0	µg/L							
Dibenz(a,h)anthracene	ND	5.0	µg/L							
Dibenzofuran	ND	5.0	µg/L							
Di-n-butylphthalate	ND	10	µg/L							
1,2-Dichlorobenzene	ND	5.0	µg/L							
1,3-Dichlorobenzene	ND	5.0	µg/L							
1,4-Dichlorobenzene	ND	5.0	µg/L							
3,3-Dichlorobenzidine	ND	10	µg/L							
2,4-Dichlorophenol	ND	10	µg/L							
Diethylphthalate	ND	10	µg/L							
2,4-Dimethylphenol	ND	10	µg/L							
Dimethylphthalate	ND	10	µg/L							
4,6-Dinitro-2-methylphenol	ND	10	µg/L							
2,4-Dinitrophenol	ND	10	µg/L							
2,4-Dinitrotoluene	ND	10	µg/L							
2,6-Dinitrotoluene	ND	10	µg/L							
Di-n-octylphthalate	ND	10	µg/L							
1,2-Diphenylhydrazine/Azobenzene	ND	10	µg/L							
Fluoranthene	ND	5.0	µg/L							
Fluorene	ND	5.0	µg/L							
Hexachlorobenzene	ND	10	µg/L							
Hexachlorobutadiene	ND	10	µg/L							
Hexachlorocyclopentadiene	ND	10	µg/L							L-04, V-05
Hexachloroethane	ND	10	µg/L							
Indeno(1,2,3-cd)pyrene	ND	5.0	µg/L							
Isophorone	ND	10	µg/L							
1-Methylnaphthalene	ND	5.0	µg/L							
2-Methylnaphthalene	ND	5.0	µg/L							

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B233869 - SW-846 3510C										
Blank (B233869-BLK1)				Prepared: 06/21/19 Analyzed: 06/24/19						
2-Methylphenol	ND	10	µg/L							
3/4-Methylphenol	ND	10	µg/L							
Naphthalene	ND	5.0	µg/L							
2-Nitroaniline	ND	10	µg/L							
3-Nitroaniline	ND	10	µg/L							
4-Nitroaniline	ND	10	µg/L							
Nitrobenzene	ND	10	µg/L							
2-Nitrophenol	ND	10	µg/L							
4-Nitrophenol	ND	10	µg/L							V-20
N-Nitrosodimethylamine	ND	10	µg/L							V-20
N-Nitrosodiphenylamine/Diphenylamine	ND	10	µg/L							
N-Nitrosodi-n-propylamine	ND	10	µg/L							
Pentachloronitrobenzene	ND	10	µg/L							
Pentachlorophenol	ND	10	µg/L							
Phenanthrene	ND	5.0	µg/L							
Phenol	ND	10	µg/L							
Pyrene	ND	5.0	µg/L							
Pyridine	ND	5.0	µg/L							
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L							
1,2,4-Trichlorobenzene	ND	5.0	µg/L							
2,4,5-Trichlorophenol	ND	10	µg/L							
2,4,6-Trichlorophenol	ND	10	µg/L							
Surrogate: 2-Fluorophenol	*81.8*		µg/L	200		40.9	15-110			
Surrogate: Phenol-d6	*59.6*		µg/L	200		29.8	15-110			
Surrogate: Nitrobenzene-d5	*67.6*		µg/L	100		67.6	30-130			
Surrogate: 2-Fluorobiphenyl	*70.2*		µg/L	100		70.2	30-130			
Surrogate: 2,4,6-Tribromophenol	*134*		µg/L	200		66.8	15-110			
Surrogate: p-Terphenyl-d14	*69.0*		µg/L	100		69.0	30-130			
LCS (B233869-BS1)				Prepared: 06/21/19 Analyzed: 06/24/19						
Acenaphthene	32.3	5.0	µg/L	50.0		64.7	40-140			
Acenaphthylene	35.6	5.0	µg/L	50.0		71.2	40-140			
Acetophenone	33.7	10	µg/L	50.0		67.4	40-140			
Aniline	37.5	5.0	µg/L	50.0		74.9	40-140			V-34
Anthracene	35.9	5.0	µg/L	50.0		71.7	40-140			
Benzidine	41.9	20	µg/L	50.0		83.8	40-140			R-05, V-04
Benzo(a)anthracene	38.1	5.0	µg/L	50.0		76.2	40-140			
Benzo(a)pyrene	38.1	5.0	µg/L	50.0		76.2	40-140			
Benzo(b)fluoranthene	36.3	5.0	µg/L	50.0		72.6	40-140			
Benzo(g,h,i)perylene	30.9	5.0	µg/L	50.0		61.9	40-140			
Benzo(k)fluoranthene	37.1	5.0	µg/L	50.0		74.1	40-140			
Benzoic Acid	14.7	10	µg/L	50.0		29.4	10-130			†
Bis(2-chloroethoxy)methane	38.9	10	µg/L	50.0		77.7	40-140			
Bis(2-chloroethyl)ether	32.6	10	µg/L	50.0		65.2	40-140			
Bis(2-chloroisopropyl)ether	34.0	10	µg/L	50.0		68.1	40-140			
Bis(2-Ethylhexyl)phthalate	33.3	10	µg/L	50.0		66.6	40-140			
4-Bromophenylphenylether	33.3	10	µg/L	50.0		66.6	40-140			
Butylbenzylphthalate	35.2	10	µg/L	50.0		70.4	40-140			
Carbazole	36.7	10	µg/L	50.0		73.3	40-140			
4-Chloroaniline	36.0	10	µg/L	50.0		72.0	40-140			V-34
4-Chloro-3-methylphenol	36.1	10	µg/L	50.0		72.3	30-130			
2-Chloronaphthalene	31.9	10	µg/L	50.0		63.7	40-140			

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B233869 - SW-846 3510C												
LCS (B233869-BS1)				Prepared: 06/21/19 Analyzed: 06/24/19								
2-Chlorophenol	32.5	10	µg/L	50.0		65.0		30-130				
4-Chlorophenylphenylether	35.5	10	µg/L	50.0		71.0		40-140				
Chrysene	39.9	5.0	µg/L	50.0		79.7		40-140				
Dibenz(a,h)anthracene	33.5	5.0	µg/L	50.0		67.0		40-140				
Dibenzofuran	34.3	5.0	µg/L	50.0		68.7		40-140				
Di-n-butylphthalate	32.5	10	µg/L	50.0		65.0		40-140				
1,2-Dichlorobenzene	32.1	5.0	µg/L	50.0		64.3		40-140				
1,3-Dichlorobenzene	31.5	5.0	µg/L	50.0		63.0		40-140				
1,4-Dichlorobenzene	31.9	5.0	µg/L	50.0		63.7		40-140				
3,3-Dichlorobenzidine	41.4	10	µg/L	50.0		82.7		40-140				
2,4-Dichlorophenol	35.4	10	µg/L	50.0		70.7		30-130				
Diethylphthalate	35.4	10	µg/L	50.0		70.9		40-140				
2,4-Dimethylphenol	31.3	10	µg/L	50.0		62.5		30-130				
Dimethylphthalate	34.9	10	µg/L	50.0		69.7		40-140				
4,6-Dinitro-2-methylphenol	33.4	10	µg/L	50.0		66.9		30-130				
2,4-Dinitrophenol	31.4	10	µg/L	50.0		62.8		30-130				
2,4-Dinitrotoluene	39.4	10	µg/L	50.0		78.7		40-140				
2,6-Dinitrotoluene	39.2	10	µg/L	50.0		78.3		40-140				
Di-n-octylphthalate	32.6	10	µg/L	50.0		65.1		40-140				
1,2-Diphenylhydrazine/Azobenzene	32.8	10	µg/L	50.0		65.6		40-140				
Fluoranthene	38.2	5.0	µg/L	50.0		76.3		40-140				
Fluorene	35.8	5.0	µg/L	50.0		71.5		40-140				
Hexachlorobenzene	35.0	10	µg/L	50.0		70.1		40-140				
Hexachlorobutadiene	35.1	10	µg/L	50.0		70.2		40-140				
Hexachlorocyclopentadiene	12.7	10	µg/L	50.0		**25.4**	*	30-140			L-04, V-05	†
Hexachloroethane	31.4	10	µg/L	50.0		62.9		40-140				
Indeno(1,2,3-cd)pyrene	34.0	5.0	µg/L	50.0		68.1		40-140				
Isophorone	37.3	10	µg/L	50.0		74.7		40-140				
1-Methylnaphthalene	35.1	5.0	µg/L	50.0		70.3		40-140				
2-Methylnaphthalene	34.5	5.0	µg/L	50.0		69.1		40-140				
2-Methylphenol	29.7	10	µg/L	50.0		59.5		30-130				
3/4-Methylphenol	31.6	10	µg/L	50.0		63.2		30-130				
Naphthalene	34.1	5.0	µg/L	50.0		68.3		40-140				
2-Nitroaniline	36.8	10	µg/L	50.0		73.6		40-140				
3-Nitroaniline	37.0	10	µg/L	50.0		74.0		40-140				
4-Nitroaniline	39.5	10	µg/L	50.0		79.1		40-140				
Nitrobenzene	36.6	10	µg/L	50.0		73.2		40-140				
2-Nitrophenol	34.9	10	µg/L	50.0		69.7		30-130				
4-Nitrophenol	27.3	10	µg/L	50.0		54.6		10-130			V-06	†
N-Nitrosodimethylamine	26.3	10	µg/L	50.0		52.5		40-140			V-06	
N-Nitrosodiphenylamine/Diphenylamine	33.3	10	µg/L	50.0		66.7		40-140				
N-Nitrosodi-n-propylamine	32.7	10	µg/L	50.0		65.3		40-140				
Pentachloronitrobenzene	32.6	10	µg/L	50.0		65.1		40-140				
Pentachlorophenol	28.6	10	µg/L	50.0		57.1		30-130				
Phenanthrene	36.2	5.0	µg/L	50.0		72.4		40-140				
Phenol	16.5	10	µg/L	50.0		33.0		20-130				†
Pyrene	35.7	5.0	µg/L	50.0		71.4		40-140				
Pyridine	15.5	5.0	µg/L	50.0		31.0		10-140				†
1,2,4,5-Tetrachlorobenzene	33.9	10	µg/L	50.0		67.9		40-140				
1,2,4-Trichlorobenzene	35.2	5.0	µg/L	50.0		70.4		40-140				
2,4,5-Trichlorophenol	37.1	10	µg/L	50.0		74.2		30-130				
2,4,6-Trichlorophenol	34.8	10	µg/L	50.0		69.5		30-130				

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD		RPD Limit	Notes	
Batch B233869 - SW-846 3510C												
LCS (B233869-BS1)				Prepared: 06/21/19 Analyzed: 06/24/19								
Surrogate: 2-Fluorophenol	*89.8*		µg/L	200		44.9	15-110					
Surrogate: Phenol-d6	*66.9*		µg/L	200		33.4	15-110					
Surrogate: Nitrobenzene-d5	*72.0*		µg/L	100		72.0	30-130					
Surrogate: 2-Fluorobiphenyl	*74.0*		µg/L	100		74.0	30-130					
Surrogate: 2,4,6-Tribromophenol	*143*		µg/L	200		71.5	15-110					
Surrogate: p-Terphenyl-d14	*75.0*		µg/L	100		75.0	30-130					
LCS Dup (B233869-BSD1)				Prepared: 06/21/19 Analyzed: 06/24/19								
Acenaphthene	33.3	5.0	µg/L	50.0		66.7	40-140	3.05		20		
Acenaphthylene	36.0	5.0	µg/L	50.0		72.1	40-140	1.23		20		
Acetophenone	33.7	10	µg/L	50.0		67.3	40-140	0.0891		20		
Aniline	36.2	5.0	µg/L	50.0		72.5	40-140	3.31		50	V-34	‡
Anthracene	37.1	5.0	µg/L	50.0		74.3	40-140	3.51		20		
Benzidine	65.4	20	µg/L	50.0		131	40-140	**43.7**	*	20	R-05, V-04	
Benzo(a)anthracene	37.4	5.0	µg/L	50.0		74.9	40-140	1.69		20		
Benzo(a)pyrene	36.9	5.0	µg/L	50.0		73.9	40-140	3.07		20		
Benzo(b)fluoranthene	35.8	5.0	µg/L	50.0		71.6	40-140	1.47		20		
Benzo(g,h,i)perylene	30.8	5.0	µg/L	50.0		61.6	40-140	0.486		20		
Benzo(k)fluoranthene	36.9	5.0	µg/L	50.0		73.8	40-140	0.378		20		
Benzoic Acid	12.4	10	µg/L	50.0		24.8	10-130	17.1		50		† ‡
Bis(2-chloroethoxy)methane	38.6	10	µg/L	50.0		77.2	40-140	0.697		20		
Bis(2-chloroethyl)ether	33.5	10	µg/L	50.0		67.0	40-140	2.78		20		
Bis(2-chloroisopropyl)ether	33.9	10	µg/L	50.0		67.9	40-140	0.294		20		
Bis(2-Ethylhexyl)phthalate	32.8	10	µg/L	50.0		65.5	40-140	1.67		20		
4-Bromophenylphenylether	33.6	10	µg/L	50.0		67.3	40-140	1.05		20		
Butylbenzylphthalate	34.8	10	µg/L	50.0		69.7	40-140	0.971		20		
Carbazole	37.0	10	µg/L	50.0		73.9	40-140	0.815		20		
4-Chloroaniline	36.4	10	µg/L	50.0		72.8	40-140	1.13		20	V-34	
4-Chloro-3-methylphenol	38.4	10	µg/L	50.0		76.9	30-130	6.17		20		
2-Chloronaphthalene	31.5	10	µg/L	50.0		63.0	40-140	1.10		20		
2-Chlorophenol	33.2	10	µg/L	50.0		66.4	30-130	2.25		20		
4-Chlorophenylphenylether	36.0	10	µg/L	50.0		72.0	40-140	1.40		20		
Chrysene	39.8	5.0	µg/L	50.0		79.7	40-140	0.0753		20		
Dibenz(a,h)anthracene	33.7	5.0	µg/L	50.0		67.4	40-140	0.476		20		
Dibenzofuran	35.7	5.0	µg/L	50.0		71.3	40-140	3.80		20		
Di-n-butylphthalate	33.6	10	µg/L	50.0		67.3	40-140	3.48		20		
1,2-Dichlorobenzene	32.2	5.0	µg/L	50.0		64.5	40-140	0.311		20		
1,3-Dichlorobenzene	31.2	5.0	µg/L	50.0		62.3	40-140	1.15		20		
1,4-Dichlorobenzene	32.2	5.0	µg/L	50.0		64.3	40-140	0.906		20		
3,3-Dichlorobenzidine	40.5	10	µg/L	50.0		81.0	40-140	2.10		20		
2,4-Dichlorophenol	35.2	10	µg/L	50.0		70.4	30-130	0.482		20		
Diethylphthalate	35.7	10	µg/L	50.0		71.4	40-140	0.703		20		
2,4-Dimethylphenol	33.1	10	µg/L	50.0		66.1	30-130	5.63		20		
Dimethylphthalate	36.2	10	µg/L	50.0		72.3	40-140	3.63		50		‡
4,6-Dinitro-2-methylphenol	34.6	10	µg/L	50.0		69.2	30-130	3.44		50		‡
2,4-Dinitrophenol	32.3	10	µg/L	50.0		64.5	30-130	2.70		50		‡
2,4-Dinitrotoluene	40.8	10	µg/L	50.0		81.7	40-140	3.74		20		
2,6-Dinitrotoluene	40.2	10	µg/L	50.0		80.4	40-140	2.65		20		
Di-n-octylphthalate	31.2	10	µg/L	50.0		62.4	40-140	4.36		20		
1,2-Diphenylhydrazine/Azobenzene	33.9	10	µg/L	50.0		67.8	40-140	3.36		20		
Fluoranthene	38.2	5.0	µg/L	50.0		76.4	40-140	0.105		20		
Fluorene	36.6	5.0	µg/L	50.0		73.1	40-140	2.24		20		

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B233869 - SW-846 3510C												
LCS Dup (B233869-BSD1)				Prepared: 06/21/19 Analyzed: 06/24/19								
Hexachlorobenzene	35.5	10	µg/L	50.0		71.0		40-140	1.25	20		
Hexachlorobutadiene	34.6	10	µg/L	50.0		69.1		40-140	1.49	20		
Hexachlorocyclopentadiene	13.6	10	µg/L	50.0		**27.1**	*	30-140	6.40	50	L-04, V-05	† ‡
Hexachloroethane	30.0	10	µg/L	50.0		60.0		40-140	4.65	50		‡
Indeno(1,2,3-cd)pyrene	33.1	5.0	µg/L	50.0		66.2		40-140	2.86	50		‡
Isophorone	37.8	10	µg/L	50.0		75.5		40-140	1.12	20		
1-Methylnaphthalene	34.9	5.0	µg/L	50.0		69.8		40-140	0.628	20		
2-Methylnaphthalene	35.7	5.0	µg/L	50.0		71.4		40-140	3.25	20		
2-Methylphenol	29.9	10	µg/L	50.0		59.8		30-130	0.570	20		
3/4-Methylphenol	30.9	10	µg/L	50.0		61.8		30-130	2.30	20		
Naphthalene	34.4	5.0	µg/L	50.0		68.7		40-140	0.701	20		
2-Nitroaniline	37.5	10	µg/L	50.0		74.9		40-140	1.80	20		
3-Nitroaniline	37.5	10	µg/L	50.0		75.1		40-140	1.42	20		
4-Nitroaniline	43.4	10	µg/L	50.0		86.9		40-140	9.42	20		
Nitrobenzene	36.1	10	µg/L	50.0		72.3		40-140	1.29	20		
2-Nitrophenol	35.2	10	µg/L	50.0		70.5		30-130	1.11	20		
4-Nitrophenol	25.7	10	µg/L	50.0		51.4		10-130	6.04	50	V-06	† ‡
N-Nitrosodimethylamine	28.2	10	µg/L	50.0		56.5		40-140	7.19	20	V-06	
N-Nitrosodiphenylamine/Diphenylamine	34.3	10	µg/L	50.0		68.6		40-140	2.78	20		
N-Nitrosodi-n-propylamine	32.9	10	µg/L	50.0		65.8		40-140	0.762	20		
Pentachloronitrobenzene	33.6	10	µg/L	50.0		67.1		40-140	2.99	20		
Pentachlorophenol	28.2	10	µg/L	50.0		56.4		30-130	1.16	50		‡
Phenanthrene	36.6	5.0	µg/L	50.0		73.2		40-140	1.15	20		
Phenol	16.9	10	µg/L	50.0		33.8		20-130	2.33	20		†
Pyrene	35.8	5.0	µg/L	50.0		71.6		40-140	0.308	20		
Pyridine	18.2	5.0	µg/L	50.0		36.4		10-140	16.2	50		† ‡
1,2,4,5-Tetrachlorobenzene	33.8	10	µg/L	50.0		67.6		40-140	0.413	20		
1,2,4-Trichlorobenzene	34.6	5.0	µg/L	50.0		69.2		40-140	1.83	20		
2,4,5-Trichlorophenol	36.0	10	µg/L	50.0		71.9		30-130	3.12	20		
2,4,6-Trichlorophenol	35.4	10	µg/L	50.0		70.9		30-130	1.99	50		‡
Surrogate: 2-Fluorophenol	*91.8*		µg/L	200		45.9		15-110				
Surrogate: Phenol-d6	*66.7*		µg/L	200		33.3		15-110				
Surrogate: Nitrobenzene-d5	*74.2*		µg/L	100		74.2		30-130				
Surrogate: 2-Fluorobiphenyl	*73.8*		µg/L	100		73.8		30-130				
Surrogate: 2,4,6-Tribromophenol	*150*		µg/L	200		75.0		15-110				
Surrogate: p-Terphenyl-d14	*78.0*		µg/L	100		78.0		30-130				

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QUALITY CONTROL

Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B233911 - SW-846 3510C										
Blank (B233911-BLK1)				Prepared: 06/21/19 Analyzed: 06/25/19						
Aroclor-1016	ND	0.20	µg/L							
Aroclor-1016 [2C]	ND	0.20	µg/L							
Aroclor-1221	ND	0.20	µg/L							
Aroclor-1221 [2C]	ND	0.20	µg/L							
Aroclor-1232	ND	0.20	µg/L							
Aroclor-1232 [2C]	ND	0.20	µg/L							
Aroclor-1242	ND	0.20	µg/L							
Aroclor-1242 [2C]	ND	0.20	µg/L							
Aroclor-1248	ND	0.20	µg/L							
Aroclor-1248 [2C]	ND	0.20	µg/L							
Aroclor-1254	ND	0.20	µg/L							
Aroclor-1254 [2C]	ND	0.20	µg/L							
Aroclor-1260	ND	0.20	µg/L							
Aroclor-1260 [2C]	ND	0.20	µg/L							
Aroclor-1262	ND	0.20	µg/L							
Aroclor-1262 [2C]	ND	0.20	µg/L							
Aroclor-1268	ND	0.20	µg/L							
Aroclor-1268 [2C]	ND	0.20	µg/L							
Surrogate: Decachlorobiphenyl	*1.66*		µg/L	2.00		82.9	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.64*		µg/L	2.00		82.2	30-150			
Surrogate: Tetrachloro-m-xylene	*1.57*		µg/L	2.00		78.6	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.68*		µg/L	2.00		83.9	30-150			
LCS (B233911-BS1)				Prepared: 06/21/19 Analyzed: 06/25/19						
Aroclor-1016	0.44	0.20	µg/L	0.500		88.4	40-140			
Aroclor-1016 [2C]	0.50	0.20	µg/L	0.500		100	40-140			
Aroclor-1260	0.43	0.20	µg/L	0.500		85.1	40-140			
Aroclor-1260 [2C]	0.48	0.20	µg/L	0.500		96.4	40-140			
Surrogate: Decachlorobiphenyl	*1.65*		µg/L	2.00		82.7	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.66*		µg/L	2.00		83.1	30-150			
Surrogate: Tetrachloro-m-xylene	*1.58*		µg/L	2.00		78.8	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.68*		µg/L	2.00		83.9	30-150			
LCS Dup (B233911-BSD1)				Prepared: 06/21/19 Analyzed: 06/25/19						
Aroclor-1016	0.46	0.20	µg/L	0.500		92.3	40-140	4.32	20	
Aroclor-1016 [2C]	0.53	0.20	µg/L	0.500		106	40-140	5.17	20	
Aroclor-1260	0.45	0.20	µg/L	0.500		90.0	40-140	5.53	20	
Aroclor-1260 [2C]	0.52	0.20	µg/L	0.500		103	40-140	6.81	20	
Surrogate: Decachlorobiphenyl	*1.79*		µg/L	2.00		89.3	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.82*		µg/L	2.00		91.1	30-150			
Surrogate: Tetrachloro-m-xylene	*1.66*		µg/L	2.00		82.9	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.78*		µg/L	2.00		89.0	30-150			

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B234110 - SW-846 3005A										
Blank (B234110-BLK1)				Prepared: 06/25/19 Analyzed: 06/26/19						
Arsenic	ND	0.80	µg/L							
Barium	ND	10	µg/L							
Cadmium	ND	0.20	µg/L							
Chromium	0.25	1.0	µg/L							B, J
Lead	ND	0.50	µg/L							
Selenium	ND	5.0	µg/L							
Silver	ND	0.20	µg/L							
LCS (B234110-BS1)				Prepared: 06/25/19 Analyzed: 06/26/19						
Arsenic	502	8.0	µg/L	500		100	80-120			
Barium	485	100	µg/L	500		96.9	80-120			
Cadmium	491	2.0	µg/L	500		98.1	80-120			
Chromium	511	10	µg/L	500		102	80-120			
Lead	513	5.0	µg/L	500		103	80-120			
Selenium	498	50	µg/L	500		99.6	80-120			
Silver	490	2.0	µg/L	500		97.9	80-120			
LCS Dup (B234110-BSD1)				Prepared: 06/25/19 Analyzed: 06/26/19						
Arsenic	473	8.0	µg/L	500		94.5	80-120	5.97	20	
Barium	447	100	µg/L	500		89.4	80-120	8.09	20	
Cadmium	465	2.0	µg/L	500		93.0	80-120	5.32	20	
Chromium	471	10	µg/L	500		94.3	80-120	8.17	20	
Lead	484	5.0	µg/L	500		96.8	80-120	5.77	20	
Selenium	466	50	µg/L	500		93.2	80-120	6.67	20	
Silver	462	2.0	µg/L	500		92.3	80-120	5.86	20	
Duplicate (B234110-DUP1)	**Source: 19F1123-01**			Prepared: 06/25/19 Analyzed: 06/27/19						
Arsenic	ND	0.80	µg/L		ND			NC	20	
Barium	65.4	10	µg/L		65.5			0.142	20	
Cadmium	0.0501	0.20	µg/L		0.0491			1.91	20	J
Chromium	1.09	1.0	µg/L		1.13			4.06	20	B
Lead	0.495	0.50	µg/L		0.494			0.0305	20	J
Selenium	19.7	5.0	µg/L		19.6			0.275	20	
Silver	ND	0.20	µg/L		ND			NC	20	
Matrix Spike (B234110-MS1)	**Source: 19F1123-01**			Prepared: 06/25/19 Analyzed: 06/26/19						
Arsenic	508	8.0	µg/L	500	ND	102	75-125			
Barium	552	100	µg/L	500	65.5	97.2	75-125			
Cadmium	489	2.0	µg/L	500	ND	97.7	75-125			
Chromium	502	10	µg/L	500	ND	100	75-125			
Lead	514	5.0	µg/L	500	ND	103	75-125			
Selenium	519	50	µg/L	500	19.6	99.8	75-125			
Silver	455	2.0	µg/L	500	ND	91.0	75-125			

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B234222 - SW-846 7470A Prep										
Blank (B234222-BLK1)				Prepared & Analyzed: 06/26/19						
Mercury	ND	0.00010	mg/L							
LCS (B234222-BS1)				Prepared & Analyzed: 06/26/19						
Mercury	0.00405	0.00010	mg/L	0.00400		101	80-120			
LCS Dup (B234222-BSD1)				Prepared & Analyzed: 06/26/19						
Mercury	0.00404	0.00010	mg/L	0.00400		101	80-120	0.0993	20	
Duplicate (B234222-DUP1)		**Source: 19F1123-01**		Prepared & Analyzed: 06/26/19						
Mercury	ND	0.00010	mg/L		ND			NC	20	
Matrix Spike (B234222-MS1)		**Source: 19F1123-01**		Prepared & Analyzed: 06/26/19						
Mercury	0.00390	0.00010	mg/L	0.00400	ND	97.5	75-125			

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS

Lab Sample ID: B233911-BS1 Date(s) Analyzed: 06/25/2019 06/25/2019

Instrument ID (1): ECD1 Instrument ID (2): ECD1

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	0.000	0.000	0.44	
	2	0.000	0.000	0.000	0.50	12.8
Aroclor-1260	1	0.000	0.000	0.000	0.43	
	2	0.000	0.000	0.000	0.48	11.0

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS Dup

Lab Sample ID: B233911-BSD1 Date(s) Analyzed: 06/25/2019 06/25/2019

Instrument ID (1): ECD1 Instrument ID (2): ECD1

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	0.000	0.000	0.46	
	2	0.000	0.000	0.000	0.53	14.1
Aroclor-1260	1	0.000	0.000	0.000	0.45	
	2	0.000	0.000	0.000	0.52	14.4

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
B	Analyte is found in the associated laboratory blank as well as in the sample.
J	Detected but below the Reporting Limit (lowest calibration standard); therefore, result is an estimated concentration (CLP J-Flag).
L-04	Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.
R-05	Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.
V-04	Initial calibration did not meet method specifications. Compound was calibrated using a response factor where %RSD is outside of method specified criteria. Reported result is estimated.
V-05	Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.
V-06	Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side for this compound.
V-20	Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.
V-34	Initial calibration verification (ICV) did not meet method specifications and was biased on the low side for this compound. Reported result is estimated.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 6020B in Water	
Arsenic	CT,NH,NY,ME,VA,NC
Barium	CT,NH,NY,ME,VA,NC
Cadmium	CT,NH,NY,RI,ME,VA,NC
Chromium	CT,NH,NY,ME,VA,NC
Lead	CT,NH,NY,ME,VA,NC
Selenium	CT,NH,NY,ME,VA,NC
Silver	CT,NH,NY,ME,VA,NC
SW-846 7470A in Water	
Mercury	CT,NH,NY,NC,ME,VA
SW-846 8082A in Water	
Aroclor-1016	CT,NH,NY,NC,ME,VA,PA
Aroclor-1016 [2C]	CT,NH,NY,NC,ME,VA,PA
Aroclor-1221	CT,NH,NY,NC,ME,VA,PA
Aroclor-1221 [2C]	CT,NH,NY,NC,ME,VA,PA
Aroclor-1232	CT,NH,NY,NC,ME,VA,PA
Aroclor-1232 [2C]	CT,NH,NY,NC,ME,VA,PA
Aroclor-1242	CT,NH,NY,NC,ME,VA,PA
Aroclor-1242 [2C]	CT,NH,NY,NC,ME,VA,PA
Aroclor-1248	CT,NH,NY,NC,ME,VA,PA
Aroclor-1248 [2C]	CT,NH,NY,NC,ME,VA,PA
Aroclor-1254	CT,NH,NY,NC,ME,VA,PA
Aroclor-1254 [2C]	CT,NH,NY,NC,ME,VA,PA
Aroclor-1260	CT,NH,NY,NC,ME,VA,PA
Aroclor-1260 [2C]	CT,NH,NY,NC,ME,VA,PA
Aroclor-1262	NH,NY,NC,ME,VA,PA
Aroclor-1262 [2C]	NH,NY,NC,ME,VA,PA
Aroclor-1268	NH,NY,NC,ME,VA,PA
Aroclor-1268 [2C]	NH,NY,NC,ME,VA,PA
SW-846 8260C in Water	
Acetone	CT,ME,NH,VA,NY
Acrylonitrile	CT,ME,NH,VA,NY
tert-Amyl Methyl Ether (TAME)	ME,NH,VA,NY
Benzene	CT,ME,NH,VA,NY
Bromobenzene	NY
Bromochloromethane	ME,NH,VA,NY
Bromodichloromethane	CT,ME,NH,VA,NY
Bromoform	CT,ME,NH,VA,NY
Bromomethane	CT,ME,NH,VA,NY
2-Butanone (MEK)	CT,ME,NH,VA,NY
tert-Butyl Alcohol (TBA)	ME,NH,VA,NY
n-Butylbenzene	ME,VA,NY
sec-Butylbenzene	ME,VA,NY
tert-Butylbenzene	ME,VA,NY
tert-Butyl Ethyl Ether (TBEE)	ME,NH,VA,NY
Carbon Disulfide	CT,ME,NH,VA,NY
Carbon Tetrachloride	CT,ME,NH,VA,NY

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Water	
Chlorobenzene	CT,ME,NH,VA,NY
Chlorodibromomethane	CT,ME,NH,VA,NY
Chloroethane	CT,ME,NH,VA,NY
Chloroform	CT,ME,NH,VA,NY
Chloromethane	CT,ME,NH,VA,NY
2-Chlorotoluene	ME,NH,VA,NY
4-Chlorotoluene	ME,NH,VA,NY
1,2-Dibromo-3-chloropropane (DBCP)	NY
1,2-Dibromoethane (EDB)	NY
Dibromomethane	ME,NH,VA,NY
1,2-Dichlorobenzene	CT,ME,NH,VA,NY
1,3-Dichlorobenzene	CT,ME,NH,VA,NY
1,4-Dichlorobenzene	CT,ME,NH,VA,NY
trans-1,4-Dichloro-2-butene	ME,NH,VA,NY
Dichlorodifluoromethane (Freon 12)	ME,NH,VA,NY
1,1-Dichloroethane	CT,ME,NH,VA,NY
1,2-Dichloroethane	CT,ME,NH,VA,NY
1,1-Dichloroethylene	CT,ME,NH,VA,NY
cis-1,2-Dichloroethylene	ME,NY
trans-1,2-Dichloroethylene	CT,ME,NH,VA,NY
1,2-Dichloropropane	CT,ME,NH,VA,NY
1,3-Dichloropropane	ME,VA,NY
2,2-Dichloropropane	ME,NH,VA,NY
1,1-Dichloropropene	ME,NH,VA,NY
cis-1,3-Dichloropropene	CT,ME,NH,VA,NY
trans-1,3-Dichloropropene	CT,ME,NH,VA,NY
Diethyl Ether	NY
Diisopropyl Ether (DIPE)	ME,NH,VA,NY
1,4-Dioxane	NY
Ethylbenzene	CT,ME,NH,VA,NY
Hexachlorobutadiene	CT,ME,NH,VA,NY
2-Hexanone (MBK)	CT,ME,NH,VA,NY
Isopropylbenzene (Cumene)	ME,VA,NY
p-Isopropyltoluene (p-Cymene)	CT,ME,NH,VA,NY
Methyl Acetate	NY
Methyl tert-Butyl Ether (MTBE)	CT,ME,NH,VA,NY
Methyl Cyclohexane	NY
Methylene Chloride	CT,ME,NH,VA,NY
4-Methyl-2-pentanone (MIBK)	CT,ME,NH,VA,NY
Naphthalene	ME,NH,VA,NY
n-Propylbenzene	CT,ME,NH,VA,NY
Styrene	CT,ME,NH,VA,NY
1,1,1,2-Tetrachloroethane	CT,ME,NH,VA,NY
1,1,2,2-Tetrachloroethane	CT,ME,NH,VA,NY
Tetrachloroethylene	CT,ME,NH,VA,NY
Toluene	CT,ME,NH,VA,NY
1,2,3-Trichlorobenzene	ME,NH,VA,NY

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Water	
1,2,4-Trichlorobenzene	CT,ME,NH,VA,NY
1,3,5-Trichlorobenzene	ME
1,1,1-Trichloroethane	CT,ME,NH,VA,NY
1,1,2-Trichloroethane	CT,ME,NH,VA,NY
Trichloroethylene	CT,ME,NH,VA,NY
Trichlorofluoromethane (Freon 11)	CT,ME,NH,VA,NY
1,2,3-Trichloropropane	ME,NH,VA,NY
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	VA,NY
1,2,4-Trimethylbenzene	ME,VA,NY
1,3,5-Trimethylbenzene	ME,VA,NY
Vinyl Chloride	CT,ME,NH,VA,NY
m+p Xylene	CT,ME,NH,VA,NY
o-Xylene	CT,ME,NH,VA,NY
SW-846 8270D in Soil	
Acenaphthene	CT,NY,NH,ME,NC,VA
Acenaphthylene	CT,NY,NH,ME,NC,VA
Acetophenone	NY,NH,ME,NC,VA
Aniline	NY,NH,ME,NC,VA
Anthracene	CT,NY,NH,ME,NC,VA
Benzidine	CT,NY,NH,ME,NC,VA
Benzo(a)anthracene	CT,NY,NH,ME,NC,VA
Benzo(a)pyrene	CT,NY,NH,ME,NC,VA
Benzo(b)fluoranthene	CT,NY,NH,ME,NC,VA
Benzo(g,h,i)perylene	CT,NY,NH,ME,NC,VA
Benzo(k)fluoranthene	CT,NY,NH,ME,NC,VA
Benzoic Acid	NY,NH,ME,NC,VA
Bis(2-chloroethoxy)methane	CT,NY,NH,ME,NC,VA
Bis(2-chloroethyl)ether	CT,NY,NH,ME,NC,VA
Bis(2-chloroisopropyl)ether	CT,NY,NH,ME,NC,VA
Bis(2-Ethylhexyl)phthalate	CT,NY,NH,ME,NC,VA
4-Bromophenylphenylether	CT,NY,NH,ME,NC,VA
Butylbenzylphthalate	CT,NY,NH,ME,NC,VA
Carbazole	NC
4-Chloroaniline	CT,NY,NH,ME,NC,VA
4-Chloro-3-methylphenol	CT,NY,NH,ME,NC,VA
2-Chloronaphthalene	CT,NY,NH,NC,VA
2-Chlorophenol	CT,NY,NH,ME,NC,VA
4-Chlorophenylphenylether	CT,NY,NH,ME,NC,VA
Chrysene	CT,NY,NH,ME,NC,VA
Dibenz(a,h)anthracene	CT,NY,NH,ME,NC,VA
Dibenzofuran	CT,NY,NH,ME,NC,VA
Di-n-butylphthalate	CT,NY,NH,ME,NC,VA
1,2-Dichlorobenzene	NY,NH,ME,NC,VA
1,3-Dichlorobenzene	NY,NH,ME,NC,VA
1,4-Dichlorobenzene	NY,NH,ME,NC,VA
3,3-Dichlorobenzidine	CT,NY,NH,ME,NC,VA

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8270D in Soil	
2,4-Dichlorophenol	CT,NY,NH,ME,NC,VA
Diethylphthalate	CT,NY,NH,ME,NC,VA
2,4-Dimethylphenol	CT,NY,NH,ME,NC,VA
Dimethylphthalate	CT,NY,NH,ME,NC,VA
4,6-Dinitro-2-methylphenol	CT,NY,NH,ME,NC,VA
2,4-Dinitrophenol	CT,NY,NH,ME,NC,VA
2,4-Dinitrotoluene	CT,NY,NH,ME,NC,VA
2,6-Dinitrotoluene	CT,NY,NH,ME,NC,VA
Di-n-octylphthalate	CT,NY,NH,ME,NC,VA
1,2-Diphenylhydrazine/Azobenzene	NY,NH,ME,NC,VA
Fluoranthene	CT,NY,NH,ME,NC,VA
Fluorene	NY,NH,ME,NC,VA
Hexachlorobenzene	CT,NY,NH,ME,NC,VA
Hexachlorobutadiene	CT,NY,NH,ME,NC,VA
Hexachlorocyclopentadiene	CT,NY,NH,ME,NC,VA
Hexachloroethane	CT,NY,NH,ME,NC,VA
Indeno(1,2,3-cd)pyrene	CT,NY,NH,ME,NC,VA
Isophorone	CT,NY,NH,ME,NC,VA
1-Methylnaphthalene	NC
2-Methylnaphthalene	CT,NY,NH,ME,NC,VA
2-Methylphenol	CT,NY,NH,ME,NC,VA
3/4-Methylphenol	CT,NY,NH,ME,NC,VA
Naphthalene	CT,NY,NH,ME,NC,VA
2-Nitroaniline	CT,NY,NH,ME,NC,VA
3-Nitroaniline	CT,NY,NH,ME,NC,VA
4-Nitroaniline	CT,NY,NH,ME,NC,VA
Nitrobenzene	CT,NY,NH,ME,NC,VA
2-Nitrophenol	CT,NY,NH,ME,NC,VA
4-Nitrophenol	CT,NY,NH,ME,NC,VA
N-Nitrosodimethylamine	CT,NY,NH,ME,NC,VA
N-Nitrosodi-n-propylamine	CT,NY,NH,ME,NC,VA
Pentachloronitrobenzene	NY,NC
Pentachlorophenol	CT,NY,NH,ME,NC,VA
Phenanthrene	CT,NY,NH,ME,NC,VA
Phenol	CT,NY,NH,ME,NC,VA
Pyrene	CT,NY,NH,ME,NC,VA
Pyridine	CT,NY,NH,ME,NC,VA
1,2,4,5-Tetrachlorobenzene	NY,NC
1,2,4-Trichlorobenzene	CT,NY,NH,ME,NC,VA
2,4,5-Trichlorophenol	CT,NY,NH,ME,NC,VA
2,4,6-Trichlorophenol	CT,NY,NH,ME,NC,VA
2-Fluorophenol	NC
SW-846 8270D in Water	
Acenaphthene	CT,NY,NC,ME,NH,VA
Acenaphthylene	CT,NY,NC,ME,NH,VA
Acetophenone	NY,NC

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8270D in Water	
Aniline	CT,NY,NC,ME,VA
Anthracene	CT,NY,NC,ME,NH,VA
Benzidine	CT,NY,NC,ME,NH,VA
Benzo(a)anthracene	CT,NY,NC,ME,NH,VA
Benzo(a)pyrene	CT,NY,NC,ME,NH,VA
Benzo(b)fluoranthene	CT,NY,NC,ME,NH,VA
Benzo(g,h,i)perylene	CT,NY,NC,ME,NH,VA
Benzo(k)fluoranthene	CT,NY,NC,ME,NH,VA
Benzoic Acid	NY,NC,ME,NH,VA
Bis(2-chloroethoxy)methane	CT,NY,NC,ME,NH,VA
Bis(2-chloroethyl)ether	CT,NY,NC,ME,NH,VA
Bis(2-chloroisopropyl)ether	CT,NY,NC,ME,NH,VA
Bis(2-Ethylhexyl)phthalate	CT,NY,NC,ME,NH,VA
4-Bromophenylphenylether	CT,NY,NC,ME,NH,VA
Butylbenzylphthalate	CT,NY,NC,ME,NH,VA
Carbazole	NC
4-Chloroaniline	CT,NY,NC,ME,NH,VA
4-Chloro-3-methylphenol	CT,NY,NC,ME,NH,VA
2-Chloronaphthalene	CT,NY,NC,ME,NH,VA
2-Chlorophenol	CT,NY,NC,ME,NH,VA
4-Chlorophenylphenylether	CT,NY,NC,ME,NH,VA
Chrysene	CT,NY,NC,ME,NH,VA
Dibenz(a,h)anthracene	CT,NY,NC,ME,NH,VA
Dibenzofuran	CT,NY,NC,ME,NH,VA
Di-n-butylphthalate	CT,NY,NC,ME,NH,VA
1,2-Dichlorobenzene	CT,NY,NC,ME,NH,VA
1,3-Dichlorobenzene	CT,NY,NC,ME,NH,VA
1,4-Dichlorobenzene	CT,NY,NC,ME,NH,VA
3,3-Dichlorobenzidine	CT,NY,NC,ME,NH,VA
2,4-Dichlorophenol	CT,NY,NC,ME,NH,VA
Diethylphthalate	CT,NY,NC,ME,NH,VA
2,4-Dimethylphenol	CT,NY,NC,ME,NH,VA
Dimethylphthalate	CT,NY,NC,ME,NH,VA
4,6-Dinitro-2-methylphenol	CT,NY,NC,ME,NH,VA
2,4-Dinitrophenol	CT,NY,NC,ME,NH,VA
2,4-Dinitrotoluene	CT,NY,NC,ME,NH,VA
2,6-Dinitrotoluene	CT,NY,NC,ME,NH,VA
Di-n-octylphthalate	CT,NY,NC,ME,NH,VA
1,2-Diphenylhydrazine/Azobenzene	NY,NC
Fluoranthene	CT,NY,NC,ME,NH,VA
Fluorene	NY,NC,ME,NH,VA
Hexachlorobenzene	CT,NY,NC,ME,NH,VA
Hexachlorobutadiene	CT,NY,NC,ME,NH,VA
Hexachlorocyclopentadiene	CT,NY,NC,ME,NH,VA
Hexachloroethane	CT,NY,NC,ME,NH,VA
Indeno(1,2,3-cd)pyrene	CT,NY,NC,ME,NH,VA
Isophorone	CT,NY,NC,ME,NH,VA

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8270D in Water	
1-Methylnaphthalene	NC
2-Methylnaphthalene	CT,NY,NC,ME,NH,VA
2-Methylphenol	CT,NY,NC,NH,VA
3/4-Methylphenol	CT,NY,NC,NH,VA
Naphthalene	CT,NY,NC,ME,NH,VA
2-Nitroaniline	CT,NY,NC,ME,NH,VA
3-Nitroaniline	CT,NY,NC,ME,NH,VA
4-Nitroaniline	CT,NY,NC,ME,NH,VA
Nitrobenzene	CT,NY,NC,ME,NH,VA
2-Nitrophenol	CT,NY,NC,ME,NH,VA
4-Nitrophenol	CT,NY,NC,ME,NH,VA
N-Nitrosodimethylamine	CT,NY,NC,ME,NH,VA
N-Nitrosodi-n-propylamine	CT,NY,NC,ME,NH,VA
Pentachloronitrobenzene	NC
Pentachlorophenol	CT,NY,NC,ME,NH,VA
Phenanthrene	CT,NY,NC,ME,NH,VA
Phenol	CT,NY,NC,ME,NH,VA
Pyrene	CT,NY,NC,ME,NH,VA
Pyridine	CT,NY,NC,ME,NH,VA
1,2,4,5-Tetrachlorobenzene	NY,NC
1,2,4-Trichlorobenzene	CT,NY,NC,ME,NH,VA
2,4,5-Trichlorophenol	CT,NY,NC,ME,NH,VA
2,4,6-Trichlorophenol	CT,NY,NC,ME,NH,VA
2-Fluorophenol	NC

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2005	100033	03/1/2020
MA	Massachusetts DEP	M-MA100	06/30/2020
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2019
NY	New York State Department of Health	10899 NELAP	04/1/2020
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2020
RI	Rhode Island Department of Health	LAO00112	12/30/2019
NC	North Carolina Div. of Water Quality	652	12/31/2019
NJ	New Jersey DEP	MA007 NELAP	06/30/2020
FL	Florida Department of Health	E871027 NELAP	06/30/2020
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2020
ME	State of Maine	2011028	06/9/2021
VA	Commonwealth of Virginia	460217	12/14/2019
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2019
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2020
NC-DW	North Carolina Department of Health	25703	07/31/2019
PA	Commonwealth of Pennsylvania DEP	68-05812	06/30/2020

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Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com

http://www.contestlabs.com Doc # 381 Rev 1_03242017

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Company Name: Weston & Sampson
Address: 55 Walkers Brook Dr, Ste 100, Reading, MA
Phone: 1-800-Sampson
Project Name: Kingston Brownfields
Project Location: 615 Broadway
Project Number: N2180061
Project Manager: Steve Shaw
Con-Test Quote Name/Number:
Invoice Recipient:
Sampled By: JKM

Requested Turnaround Time
7-Day ☐ 10-Day ☐
Due Date: 5-day TAT

Rush Approval Required
1-Day ☐ 3-Day ☐
2-Day ☐ 4-Day ☐

Data Delivery
Format: PDF ☒ EXCEL ☒
Other:
CLP Like Data Pkg Required: ☐
Email To:
Fax To #:

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	Matrix Code	Conc Code	# of Containers	Preservation Code	Container Code	VOCs	SVOCs	RCRA 8 Total metals	PCBs
								3	2	1	2			
								H	I	N	I			
								V	A	P	A			
01	MW-1	6/19/19	1340		X	GW	U				X	X	X	
02	MW-2	6/20/19	0915								X	X	X	X
03	MW-3	6/20/19	0910								X	X	X	
04	MW-4	6/19/19	1350								X	X	X	X
05	MW-5	6/18/19	1450								X	X	X	
06	MW-6	6/18/19	1455								X	X	X	
07	Dup	6/19/19									X	X	X	X
08	Trip Blank										X			

ANALYSIS REQUESTED

Dissolved Metals Samples
○ Field Filtered
○ Lab to Filter

Orthophosphate Samples
○ Field Filtered
○ Lab to Filter

[1] **Matrix Codes:**
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define)

[2] **Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

[3] **Container Codes:**
A = Amber Glass
G = Glass
P = Plastic
ST = Sterile
V = Vial
S = Summa Canister
T = Tedlar Bag
O = Other (please define)

Comments: Please email results to: murphy@wseinc.com
shaws@wseinc.com
** Please report to MDL for all compounds

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time: 6-20-19 1105	Detection Limit Requirements	Special Requirements
Received by: (signature)	Date/Time: 6-20-19 1105	MA	☐ MA MCP Required
Relinquished by: (signature)	Date/Time: 6.20.19 12:30		MCP Certification Form Required
Received by: (signature)	Date/Time: 6/20/19 1230	CT	☐ CT RCP Required
Relinquished by: (signature)	Date/Time: 6/20/19 1600	PM	RCP Certification Form Required
Received by: (signature)	Date/Time: 6/20/2019 1600		☐ MA State DW Required
		Other	PWSID #

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NELAC and AIHA-LAP, LLC Accredited

Project Entity
☐ Government ☐ Municipality ☐ MWRA ☐ WRTA
☐ Federal ☐ 21 J ☐ School
☐ City ☐ Brownfield ☐ MBTA

Other
☐ Chromatogram
☐ AIHA-LAP,LLC

PCB ONLY
☒ Soxhlet
☐ Non Soxhlet

Table of Contents

I Have Not Confirmed Sample Container Numbers With Lab Staff Before Relinquishing Over Samples_____

con-test® ANALYTICAL LABORATORY

Doc# 277 Rev 5 2017

Login Sample Receipt Checklist - (Rejection Criteria Listing - Using Acceptance Policy) Any False Statement will be brought to the attention of the Client - State True or False

Client Weston + Sampson

Received By CS Date 6/20/2019 Time 1600

How were the samples received? In Cooler T No Cooler _____ On Ice T No Ice _____
Direct from Sampling _____ Ambient _____ Melted Ice _____
By Gun # 1 Actual Temp - 5.6 + 2.8

Were samples within Temperature? 2-6°C T By Blank # _____ Actual Temp - _____

Was Custody Seal Intact? N/A Were Samples Tampered with? N/A
Was COC Relinquished ? T Does Chain Agree With Samples? T
Are there broken/leaking/loose caps on any samples? F
Is COC in ink/ Legible? T Were samples received within holding time? T
Did COC include all pertinent Information? Client T Analysis T Sampler Name T
Project T ID's T Collection Dates/Times T
Are Sample labels filled out and legible? T
Are there Lab to Filters? F Who was notified? _____
Are there Rushes? F Who was notified? _____
Are there Short Holds? F Who was notified? _____
Is there enough Volume? T
Is there Headspace where applicable? F MS/MSD? F
Proper Media/Containers Used? T Is splitting samples required? F
Were trip blanks received? T On COC? F
Do all samples have the proper pH? Acid T Base _____

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.	14	1 Liter Plastic		16 oz Amb.	
HCL-	23	500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic	7	4oz Amb/Clear	
Bisulfate-		Flashpoint		Col./Bacteria		2oz Amb/Clear	
DI-		Other Glass	6	Other Plastic		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Unused Media

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-	3	500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-		Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Comments:

con-test® ANALYTICAL LABORATORY
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November 15, 2019

Cailyn Locci
Weston & Sampson Engineers MA
55 Walkers Brook Drive
Reading, MA 01867

Project Location: Kingston Brownfield
Client Job Number:
Project Number: N2180061
Laboratory Work Order Number: 19K0535

Enclosed are results of analyses for samples received by the laboratory on November 8, 2019. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Meghan E. Kelley
Project Manager

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Weston & Sampson Engineers MA
55 Walkers Brook Drive
Reading, MA 01867
ATTN: Cailyn Locci

REPORT DATE: 11/15/2019

PURCHASE ORDER NUMBER:

PROJECT NUMBER: N2180061

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 19K0535

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Kingston Brownfield

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
MW-1	19K0535-01	Ground Water		SW-846 8260C-D	
MW-2	19K0535-02	Ground Water		SW-846 8260C-D	
MW-3	19K0535-03	Ground Water		SW-846 8260C-D	
MW-4	19K0535-04	Ground Water		SW-846 8260C-D	
MW-5	19K0535-05	Ground Water		SW-846 8260C-D	
MW-6	19K0535-06	Ground Water		SW-846 8260C-D	
DUP	19K0535-07	Ground Water		SW-846 8260C-D	
615 Broadway soil	19K0535-08	Soil		SM 2540G	
				SW-846 6010D	
Trip Blank	19K0535-09	Trip Blank Water		SW-846 8260C-D	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

SW-846 8260C-D

Qualifications:

L-04

Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

1,2,3-Trichlorobenzene

19K0535-02[MW-2], 19K0535-04[MW-4], 19K0535-05[MW-5], 19K0535-06[MW-6], 19K0535-07[DUP], 19K0535-09[Trip Blank], B245767-BLK1, B245767-BS1, B245767-BSD1

V-05

Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.

Analyte & Samples(s) Qualified:

1,2,3-Trichlorobenzene

19K0535-02[MW-2], 19K0535-04[MW-4], 19K0535-05[MW-5], 19K0535-06[MW-6], 19K0535-07[DUP], 19K0535-09[Trip Blank], B245767-BLK1, B245767-BS1, B245767-BSD1, S042572-CCV1

1,2,4-Trichlorobenzene

19K0535-02[MW-2], 19K0535-04[MW-4], 19K0535-05[MW-5], 19K0535-06[MW-6], 19K0535-07[DUP], 19K0535-09[Trip Blank], B245767-BLK1, B245767-BS1, B245767-BSD1, S042572-CCV1

Naphthalene

19K0535-01[MW-1], 19K0535-02[MW-2], 19K0535-03[MW-3], 19K0535-04[MW-4], 19K0535-05[MW-5], 19K0535-06[MW-6], 19K0535-07[DUP], 19K0535-09[Trip Blank], B245767-BLK1, B245767-BS1, B245767-BSD1, B245874-BLK1, B245874-BS1, B245874-BSD1, S042572-CCV1, S042591-CCV1

V-20

Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:

Bromomethane

B245767-BS1, B245767-BSD1, B245874-BS1, B245874-BSD1, S042572-CCV1, S042591-CCV1

Chloromethane

B245767-BS1, B245767-BSD1, B245874-BS1, B245874-BSD1, S042572-CCV1, S042591-CCV1

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Lisa A. Worthington
Technical Representative

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Kingston Brownfield | Sample Description: | Work Order: 19K0535

Date Received: 11/8/2019

Field Sample #: MW-1 | Sampled: 11/5/2019 13:58

Sample ID: 19K0535-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	3.8	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
Acrylonitrile	ND	5.0	0.52	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.14	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
Bromobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
Bromochloromethane	ND	1.0	0.32	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
Bromoform	ND	1.0	0.46	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
Bromomethane	ND	2.0	0.78	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
tert-Butyl Alcohol (TBA)	ND	20	4.2	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
n-Butylbenzene	ND	1.0	0.21	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
sec-Butylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
tert-Butylbenzene	ND	1.0	0.17	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.16	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
Carbon Disulfide	ND	5.0	4.4	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
Carbon Tetrachloride	ND	5.0	0.11	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
Chlorobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
Chlorodibromomethane	ND	0.50	0.21	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
Chloroethane	ND	2.0	0.35	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
Chloroform	ND	2.0	0.17	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
Chloromethane	ND	2.0	0.45	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
2-Chlorotoluene	ND	1.0	0.12	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
4-Chlorotoluene	ND	1.0	0.14	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.53	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.19	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
Dibromomethane	ND	1.0	0.37	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
1,2-Dichlorobenzene	ND	1.0	0.16	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
1,3-Dichlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	0.31	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.26	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
1,1-Dichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
1,2-Dichloroethane	ND	1.0	0.41	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
1,1-Dichloroethylene	ND	1.0	0.32	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
cis-1,2-Dichloroethylene	ND	1.0	0.13	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.31	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
1,2-Dichloropropane	ND	1.0	0.20	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
1,3-Dichloropropane	ND	0.50	0.11	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
2,2-Dichloropropane	ND	1.0	0.20	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
1,1-Dichloropropene	ND	2.0	0.16	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
cis-1,3-Dichloropropene	ND	0.50	0.13	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
trans-1,3-Dichloropropene	ND	0.50	0.23	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
Diethyl Ether	ND	2.0	0.34	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Kingston Brownfield | Sample Description: | Work Order: 19K0535

Date Received: 11/8/2019

Field Sample #: MW-1 | Sampled: 11/5/2019 13:58

Sample ID: 19K0535-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	0.17	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
Ethylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
Hexachlorobutadiene	ND	0.60	0.47	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
2-Hexanone (MBK)	ND	10	1.5	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.17	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.20	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
Methyl Acetate	ND	1.0	0.42	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.25	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
Methyl Cyclohexane	ND	1.0	0.20	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
Methylene Chloride	ND	5.0	0.34	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.7	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
Naphthalene	ND	2.0	0.31	µg/L	1	V-05	SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
n-Propylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
Styrene	ND	1.0	0.11	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	0.27	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.22	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
Tetrachloroethylene	1.0	1.0	0.18	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
Tetrahydrofuran	ND	10	0.51	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
Toluene	ND	1.0	0.14	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.57	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.40	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
1,3,5-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
1,1,1-Trichloroethane	ND	1.0	0.20	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
1,1,2-Trichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
Trichloroethylene	0.24	1.0	0.24	µg/L	1	J	SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.33	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
1,2,3-Trichloropropane	ND	2.0	0.25	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.32	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
1,2,4-Trimethylbenzene	ND	1.0	0.18	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
1,3,5-Trimethylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
Vinyl Chloride	ND	2.0	0.45	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
m+p Xylene	ND	2.0	0.30	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
o-Xylene	ND	1.0	0.17	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	95.2	70-130		11/13/19 15:12
Toluene-d8	99.3	70-130		11/13/19 15:12
4-Bromofluorobenzene	97.4	70-130		11/13/19 15:12

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Kingston Brownfield | Sample Description: | Work Order: 19K0535

Date Received: 11/8/2019

Field Sample #: MW-2 | Sampled: 11/6/2019 09:00

Sample ID: 19K0535-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	3.8	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
Acrylonitrile	ND	5.0	0.52	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.14	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
Bromobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
Bromochloromethane	ND	1.0	0.32	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
Bromoform	ND	1.0	0.46	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
Bromomethane	ND	2.0	0.78	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
tert-Butyl Alcohol (TBA)	ND	20	4.2	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
n-Butylbenzene	ND	1.0	0.21	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
sec-Butylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
tert-Butylbenzene	ND	1.0	0.17	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
Carbon Disulfide	ND	5.0	4.4	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
Carbon Tetrachloride	ND	5.0	0.11	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
Chlorobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
Chlorodibromomethane	ND	0.50	0.21	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
Chloroethane	ND	2.0	0.35	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
Chloroform	ND	2.0	0.17	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
Chloromethane	ND	2.0	0.45	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
2-Chlorotoluene	ND	1.0	0.12	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
4-Chlorotoluene	ND	1.0	0.14	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.53	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.19	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
Dibromomethane	ND	1.0	0.37	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
1,2-Dichlorobenzene	ND	1.0	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
1,3-Dichlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	0.31	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.26	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
1,1-Dichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
1,2-Dichloroethane	ND	1.0	0.41	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
1,1-Dichloroethylene	ND	1.0	0.32	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
cis-1,2-Dichloroethylene	ND	1.0	0.13	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.31	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
1,2-Dichloropropane	ND	1.0	0.20	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
1,3-Dichloropropane	ND	0.50	0.11	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
2,2-Dichloropropane	ND	1.0	0.20	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
1,1-Dichloropropene	ND	2.0	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
cis-1,3-Dichloropropene	ND	0.50	0.13	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
trans-1,3-Dichloropropene	ND	0.50	0.23	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
Diethyl Ether	ND	2.0	0.34	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Kingston Brownfield | Sample Description: | Work Order: 19K0535

Date Received: 11/8/2019

Field Sample #: MW-2 | Sampled: 11/6/2019 09:00

Sample ID: 19K0535-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	0.17	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
Ethylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
Hexachlorobutadiene	ND	0.60	0.47	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
2-Hexanone (MBK)	ND	10	1.5	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.17	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.20	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
Methyl Acetate	ND	1.0	0.42	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.25	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
Methyl Cyclohexane	ND	1.0	0.20	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
Methylene Chloride	ND	5.0	0.34	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.7	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
Naphthalene	ND	2.0	0.31	µg/L	1	V-05	SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
n-Propylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
Styrene	ND	1.0	0.11	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	0.27	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.22	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
Tetrachloroethylene	6.6	1.0	0.18	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
Tetrahydrofuran	ND	10	0.51	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
Toluene	ND	1.0	0.14	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.57	µg/L	1	L-04, V-05	SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.40	µg/L	1	V-05	SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
1,3,5-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
1,1,1-Trichloroethane	ND	1.0	0.20	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
1,1,2-Trichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
Trichloroethylene	14	1.0	0.24	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.33	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
1,2,3-Trichloropropane	ND	2.0	0.25	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.32	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
1,2,4-Trimethylbenzene	ND	1.0	0.18	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
1,3,5-Trimethylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
Vinyl Chloride	ND	2.0	0.45	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
m+p Xylene	ND	2.0	0.30	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
o-Xylene	ND	1.0	0.17	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	95.2	70-130		11/13/19 5:29
Toluene-d8	97.3	70-130		11/13/19 5:29
4-Bromofluorobenzene	91.3	70-130		11/13/19 5:29

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Kingston Brownfield | Sample Description: | Work Order: 19K0535

Date Received: 11/8/2019

Field Sample #: MW-3 | Sampled: 11/6/2019 09:55

Sample ID: 19K0535-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	3.8	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
Acrylonitrile	ND	5.0	0.52	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.14	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
Bromobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
Bromochloromethane	ND	1.0	0.32	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
Bromoform	ND	1.0	0.46	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
Bromomethane	ND	2.0	0.78	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
tert-Butyl Alcohol (TBA)	ND	20	4.2	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
n-Butylbenzene	ND	1.0	0.21	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
sec-Butylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
tert-Butylbenzene	ND	1.0	0.17	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.16	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
Carbon Disulfide	ND	5.0	4.4	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
Carbon Tetrachloride	ND	5.0	0.11	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
Chlorobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
Chlorodibromomethane	ND	0.50	0.21	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
Chloroethane	ND	2.0	0.35	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
Chloroform	ND	2.0	0.17	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
Chloromethane	ND	2.0	0.45	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
2-Chlorotoluene	ND	1.0	0.12	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
4-Chlorotoluene	ND	1.0	0.14	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.53	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.19	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
Dibromomethane	ND	1.0	0.37	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
1,2-Dichlorobenzene	ND	1.0	0.16	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
1,3-Dichlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	0.31	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.26	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
1,1-Dichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
1,2-Dichloroethane	ND	1.0	0.41	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
1,1-Dichloroethylene	ND	1.0	0.32	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
cis-1,2-Dichloroethylene	ND	1.0	0.13	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.31	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
1,2-Dichloropropane	ND	1.0	0.20	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
1,3-Dichloropropane	ND	0.50	0.11	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
2,2-Dichloropropane	ND	1.0	0.20	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
1,1-Dichloropropene	ND	2.0	0.16	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
cis-1,3-Dichloropropene	ND	0.50	0.13	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
trans-1,3-Dichloropropene	ND	0.50	0.23	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
Diethyl Ether	ND	2.0	0.34	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Kingston Brownfield | Sample Description: | Work Order: 19K0535

Date Received: 11/8/2019

Field Sample #: MW-3 | Sampled: 11/6/2019 09:55

Sample ID: 19K0535-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	0.17	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
Ethylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
Hexachlorobutadiene	ND	0.60	0.47	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
2-Hexanone (MBK)	ND	10	1.5	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.17	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.20	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
Methyl Acetate	ND	1.0	0.42	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.25	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
Methyl Cyclohexane	ND	1.0	0.20	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
Methylene Chloride	ND	5.0	0.34	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.7	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
Naphthalene	ND	2.0	0.31	µg/L	1	V-05	SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
n-Propylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
Styrene	ND	1.0	0.11	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	0.27	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.22	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
Tetrachloroethylene	ND	1.0	0.18	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
Tetrahydrofuran	ND	10	0.51	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
Toluene	ND	1.0	0.14	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.57	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.40	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
1,3,5-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
1,1,1-Trichloroethane	ND	1.0	0.20	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
1,1,2-Trichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
Trichloroethylene	1.9	1.0	0.24	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.33	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
1,2,3-Trichloropropane	ND	2.0	0.25	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.32	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
1,2,4-Trimethylbenzene	ND	1.0	0.18	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
1,3,5-Trimethylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
Vinyl Chloride	ND	2.0	0.45	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
m+p Xylene	ND	2.0	0.30	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
o-Xylene	ND	1.0	0.17	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	96.7	70-130		11/13/19 15:38
Toluene-d8	97.3	70-130		11/13/19 15:38
4-Bromofluorobenzene	95.0	70-130		11/13/19 15:38

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Kingston Brownfield | Sample Description: | Work Order: 19K0535

Date Received: 11/8/2019

Field Sample #: MW-4 | Sampled: 11/6/2019 11:15

Sample ID: 19K0535-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	3.8	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
Acrylonitrile	ND	5.0	0.52	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.14	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
Bromobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
Bromochloromethane	ND	1.0	0.32	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
Bromoform	ND	1.0	0.46	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
Bromomethane	ND	2.0	0.78	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
tert-Butyl Alcohol (TBA)	ND	20	4.2	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
n-Butylbenzene	ND	1.0	0.21	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
sec-Butylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
tert-Butylbenzene	ND	1.0	0.17	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
Carbon Disulfide	ND	5.0	4.4	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
Carbon Tetrachloride	ND	5.0	0.11	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
Chlorobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
Chlorodibromomethane	ND	0.50	0.21	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
Chloroethane	ND	2.0	0.35	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
Chloroform	ND	2.0	0.17	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
Chloromethane	ND	2.0	0.45	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
2-Chlorotoluene	ND	1.0	0.12	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
4-Chlorotoluene	ND	1.0	0.14	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.53	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.19	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
Dibromomethane	ND	1.0	0.37	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
1,2-Dichlorobenzene	ND	1.0	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
1,3-Dichlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	0.31	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.26	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
1,1-Dichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
1,2-Dichloroethane	ND	1.0	0.41	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
1,1-Dichloroethylene	ND	1.0	0.32	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
cis-1,2-Dichloroethylene	ND	1.0	0.13	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.31	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
1,2-Dichloropropane	ND	1.0	0.20	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
1,3-Dichloropropane	ND	0.50	0.11	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
2,2-Dichloropropane	ND	1.0	0.20	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
1,1-Dichloropropene	ND	2.0	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
cis-1,3-Dichloropropene	ND	0.50	0.13	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
trans-1,3-Dichloropropene	ND	0.50	0.23	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
Diethyl Ether	ND	2.0	0.34	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Kingston Brownfield | Sample Description: | Work Order: 19K0535

Date Received: 11/8/2019

Field Sample #: MW-4 | Sampled: 11/6/2019 11:15

Sample ID: 19K0535-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	0.17	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
Ethylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
Hexachlorobutadiene	ND	0.60	0.47	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
2-Hexanone (MBK)	ND	10	1.5	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.17	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.20	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
Methyl Acetate	ND	1.0	0.42	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.25	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
Methyl Cyclohexane	ND	1.0	0.20	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
Methylene Chloride	ND	5.0	0.34	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.7	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
Naphthalene	ND	2.0	0.31	µg/L	1	V-05	SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
n-Propylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
Styrene	ND	1.0	0.11	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	0.27	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.22	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
Tetrachloroethylene	0.92	1.0	0.18	µg/L	1	J	SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
Tetrahydrofuran	ND	10	0.51	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
Toluene	ND	1.0	0.14	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.57	µg/L	1	L-04, V-05	SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.40	µg/L	1	V-05	SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
1,3,5-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
1,1,1-Trichloroethane	ND	1.0	0.20	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
1,1,2-Trichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
Trichloroethylene	1.2	1.0	0.24	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.33	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
1,2,3-Trichloropropane	ND	2.0	0.25	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.32	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
1,2,4-Trimethylbenzene	ND	1.0	0.18	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
1,3,5-Trimethylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
Vinyl Chloride	ND	2.0	0.45	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
m+p Xylene	ND	2.0	0.30	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
o-Xylene	ND	1.0	0.17	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	95.7	70-130		11/13/19 6:22
Toluene-d8	98.8	70-130		11/13/19 6:22
4-Bromofluorobenzene	90.9	70-130		11/13/19 6:22

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Kingston Brownfield | Sample Description: | Work Order: 19K0535

Date Received: 11/8/2019

Field Sample #: MW-5 | Sampled: 11/6/2019 12:35

Sample ID: 19K0535-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	3.8	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
Acrylonitrile	ND	5.0	0.52	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.14	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
Bromobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
Bromochloromethane	ND	1.0	0.32	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
Bromoform	ND	1.0	0.46	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
Bromomethane	ND	2.0	0.78	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
tert-Butyl Alcohol (TBA)	ND	20	4.2	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
n-Butylbenzene	ND	1.0	0.21	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
sec-Butylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
tert-Butylbenzene	ND	1.0	0.17	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
Carbon Disulfide	ND	5.0	4.4	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
Carbon Tetrachloride	ND	5.0	0.11	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
Chlorobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
Chlorodibromomethane	ND	0.50	0.21	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
Chloroethane	ND	2.0	0.35	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
Chloroform	ND	2.0	0.17	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
Chloromethane	ND	2.0	0.45	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
2-Chlorotoluene	ND	1.0	0.12	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
4-Chlorotoluene	ND	1.0	0.14	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.53	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.19	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
Dibromomethane	ND	1.0	0.37	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
1,2-Dichlorobenzene	ND	1.0	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
1,3-Dichlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	0.31	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.26	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
1,1-Dichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
1,2-Dichloroethane	ND	1.0	0.41	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
1,1-Dichloroethylene	ND	1.0	0.32	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
cis-1,2-Dichloroethylene	ND	1.0	0.13	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.31	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
1,2-Dichloropropane	ND	1.0	0.20	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
1,3-Dichloropropane	ND	0.50	0.11	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
2,2-Dichloropropane	ND	1.0	0.20	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
1,1-Dichloropropene	ND	2.0	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
cis-1,3-Dichloropropene	ND	0.50	0.13	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
trans-1,3-Dichloropropene	ND	0.50	0.23	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
Diethyl Ether	ND	2.0	0.34	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Kingston Brownfield | Sample Description: | Work Order: 19K0535

Date Received: 11/8/2019

Field Sample #: MW-5 | Sampled: 11/6/2019 12:35

Sample ID: 19K0535-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	0.17	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
Ethylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
Hexachlorobutadiene	ND	0.60	0.47	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
2-Hexanone (MBK)	ND	10	1.5	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.17	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.20	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
Methyl Acetate	ND	1.0	0.42	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.25	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
Methyl Cyclohexane	ND	1.0	0.20	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
Methylene Chloride	ND	5.0	0.34	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.7	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
Naphthalene	ND	2.0	0.31	µg/L	1	V-05	SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
n-Propylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
Styrene	ND	1.0	0.11	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	0.27	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.22	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
Tetrachloroethylene	1.3	1.0	0.18	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
Tetrahydrofuran	ND	10	0.51	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
Toluene	ND	1.0	0.14	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.57	µg/L	1	L-04, V-05	SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.40	µg/L	1	V-05	SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
1,3,5-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
1,1,1-Trichloroethane	ND	1.0	0.20	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
1,1,2-Trichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
Trichloroethylene	ND	1.0	0.24	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.33	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
1,2,3-Trichloropropane	ND	2.0	0.25	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.32	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
1,2,4-Trimethylbenzene	ND	1.0	0.18	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
1,3,5-Trimethylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
Vinyl Chloride	ND	2.0	0.45	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
m+p Xylene	ND	2.0	0.30	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
o-Xylene	ND	1.0	0.17	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	97.1	70-130		11/13/19 6:48
Toluene-d8	98.0	70-130		11/13/19 6:48
4-Bromofluorobenzene	94.8	70-130		11/13/19 6:48

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Kingston Brownfield | Sample Description: | Work Order: 19K0535

Date Received: 11/8/2019

Field Sample #: MW-6 | Sampled: 11/5/2019 14:45

Sample ID: 19K0535-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	3.8	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
Acrylonitrile	ND	5.0	0.52	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.14	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
Bromobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
Bromochloromethane	ND	1.0	0.32	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
Bromoform	ND	1.0	0.46	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
Bromomethane	ND	2.0	0.78	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
tert-Butyl Alcohol (TBA)	ND	20	4.2	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
n-Butylbenzene	ND	1.0	0.21	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
sec-Butylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
tert-Butylbenzene	ND	1.0	0.17	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
Carbon Disulfide	ND	5.0	4.4	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
Carbon Tetrachloride	ND	5.0	0.11	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
Chlorobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
Chlorodibromomethane	ND	0.50	0.21	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
Chloroethane	ND	2.0	0.35	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
Chloroform	0.24	2.0	0.17	µg/L	1	J	SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
Chloromethane	ND	2.0	0.45	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
2-Chlorotoluene	ND	1.0	0.12	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
4-Chlorotoluene	ND	1.0	0.14	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.53	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.19	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
Dibromomethane	ND	1.0	0.37	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
1,2-Dichlorobenzene	ND	1.0	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
1,3-Dichlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	0.31	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.26	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
1,1-Dichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
1,2-Dichloroethane	ND	1.0	0.41	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
1,1-Dichloroethylene	ND	1.0	0.32	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
cis-1,2-Dichloroethylene	ND	1.0	0.13	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.31	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
1,2-Dichloropropane	ND	1.0	0.20	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
1,3-Dichloropropane	ND	0.50	0.11	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
2,2-Dichloropropane	ND	1.0	0.20	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
1,1-Dichloropropene	ND	2.0	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
cis-1,3-Dichloropropene	ND	0.50	0.13	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
trans-1,3-Dichloropropene	ND	0.50	0.23	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
Diethyl Ether	ND	2.0	0.34	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Kingston Brownfield | Sample Description: | Work Order: 19K0535

Date Received: 11/8/2019

Field Sample #: MW-6 | Sampled: 11/5/2019 14:45

Sample ID: 19K0535-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	0.17	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
Ethylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
Hexachlorobutadiene	ND	0.60	0.47	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
2-Hexanone (MBK)	ND	10	1.5	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.17	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.20	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
Methyl Acetate	ND	1.0	0.42	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.25	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
Methyl Cyclohexane	ND	1.0	0.20	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
Methylene Chloride	ND	5.0	0.34	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.7	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
Naphthalene	ND	2.0	0.31	µg/L	1	V-05	SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
n-Propylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
Styrene	ND	1.0	0.11	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	0.27	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.22	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
Tetrachloroethylene	12	1.0	0.18	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
Tetrahydrofuran	ND	10	0.51	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
Toluene	ND	1.0	0.14	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.57	µg/L	1	L-04, V-05	SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.40	µg/L	1	V-05	SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
1,3,5-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
1,1,1-Trichloroethane	ND	1.0	0.20	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
1,1,2-Trichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
Trichloroethylene	12	1.0	0.24	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.33	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
1,2,3-Trichloropropane	ND	2.0	0.25	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.32	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
1,2,4-Trimethylbenzene	ND	1.0	0.18	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
1,3,5-Trimethylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
Vinyl Chloride	ND	2.0	0.45	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
m+p Xylene	ND	2.0	0.30	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
o-Xylene	ND	1.0	0.17	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	94.8	70-130		11/13/19 7:15
Toluene-d8	99.9	70-130		11/13/19 7:15
4-Bromofluorobenzene	96.6	70-130		11/13/19 7:15

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Kingston Brownfield | Sample Description: | Work Order: 19K0535

Date Received: 11/8/2019

Field Sample #: DUP | Sampled: 11/6/2019 00:00

Sample ID: 19K0535-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	3.8	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
Acrylonitrile	ND	5.0	0.52	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.14	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
Bromobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
Bromochloromethane	ND	1.0	0.32	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
Bromoform	ND	1.0	0.46	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
Bromomethane	ND	2.0	0.78	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
tert-Butyl Alcohol (TBA)	ND	20	4.2	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
n-Butylbenzene	ND	1.0	0.21	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
sec-Butylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
tert-Butylbenzene	ND	1.0	0.17	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
Carbon Disulfide	ND	5.0	4.4	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
Carbon Tetrachloride	ND	5.0	0.11	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
Chlorobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
Chlorodibromomethane	ND	0.50	0.21	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
Chloroethane	ND	2.0	0.35	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
Chloroform	ND	2.0	0.17	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
Chloromethane	ND	2.0	0.45	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
2-Chlorotoluene	ND	1.0	0.12	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
4-Chlorotoluene	ND	1.0	0.14	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.53	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.19	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
Dibromomethane	ND	1.0	0.37	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
1,2-Dichlorobenzene	ND	1.0	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
1,3-Dichlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	0.31	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.26	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
1,1-Dichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
1,2-Dichloroethane	ND	1.0	0.41	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
1,1-Dichloroethylene	ND	1.0	0.32	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
cis-1,2-Dichloroethylene	ND	1.0	0.13	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.31	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
1,2-Dichloropropane	ND	1.0	0.20	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
1,3-Dichloropropane	ND	0.50	0.11	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
2,2-Dichloropropane	ND	1.0	0.20	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
1,1-Dichloropropene	ND	2.0	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
cis-1,3-Dichloropropene	ND	0.50	0.13	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
trans-1,3-Dichloropropene	ND	0.50	0.23	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
Diethyl Ether	ND	2.0	0.34	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Kingston Brownfield | Sample Description: | Work Order: 19K0535

Date Received: 11/8/2019

Field Sample #: DUP | Sampled: 11/6/2019 00:00

Sample ID: 19K0535-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	0.17	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
Ethylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
Hexachlorobutadiene	ND	0.60	0.47	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
2-Hexanone (MBK)	ND	10	1.5	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.17	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.20	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
Methyl Acetate	ND	1.0	0.42	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.25	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
Methyl Cyclohexane	ND	1.0	0.20	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
Methylene Chloride	ND	5.0	0.34	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.7	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
Naphthalene	ND	2.0	0.31	µg/L	1	V-05	SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
n-Propylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
Styrene	ND	1.0	0.11	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	0.27	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.22	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
Tetrachloroethylene	1.1	1.0	0.18	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
Tetrahydrofuran	ND	10	0.51	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
Toluene	ND	1.0	0.14	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.57	µg/L	1	L-04, V-05	SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.40	µg/L	1	V-05	SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
1,3,5-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
1,1,1-Trichloroethane	ND	1.0	0.20	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
1,1,2-Trichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
Trichloroethylene	ND	1.0	0.24	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.33	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
1,2,3-Trichloropropane	ND	2.0	0.25	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.32	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
1,2,4-Trimethylbenzene	ND	1.0	0.18	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
1,3,5-Trimethylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
Vinyl Chloride	ND	2.0	0.45	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
m+p Xylene	ND	2.0	0.30	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
o-Xylene	ND	1.0	0.17	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	92.1	70-130		11/13/19 7:41
Toluene-d8	96.8	70-130		11/13/19 7:41
4-Bromofluorobenzene	92.1	70-130		11/13/19 7:41

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Kingston Brownfield | Sample Description: | Work Order: 19K0535

Date Received: 11/8/2019

Field Sample #: 615 Broadway soil | Sampled: 11/6/2019 13:11

Sample ID: 19K0535-08

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	94.0		% Wt	1		SM 2540G	11/12/19	11/12/19 16:14	adb

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Kingston Brownfield | Sample Description: | Work Order: 19K0535

Date Received: 11/8/2019

Field Sample #: 615 Broadway soil | Sampled: 11/6/2019 13:11

Sample ID: 19K0535-08

Sample Matrix: Soil

TCLP - Metals Analyses

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	ND	0.10	0.0060	mg/L	1		SW-846 6010D	11/13/19	11/13/19 21:15	TBC

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Kingston Brownfield | Sample Description: | Work Order: 19K0535

Date Received: 11/8/2019

Field Sample #: Trip Blank | Sampled: 11/6/2019 00:00

Sample ID: 19K0535-09

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	3.8	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
Acrylonitrile	ND	5.0	0.52	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.14	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
Bromobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
Bromochloromethane	ND	1.0	0.32	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
Bromoform	ND	1.0	0.46	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
Bromomethane	ND	2.0	0.78	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
tert-Butyl Alcohol (TBA)	ND	20	4.2	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
n-Butylbenzene	ND	1.0	0.21	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
sec-Butylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
tert-Butylbenzene	ND	1.0	0.17	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
Carbon Disulfide	ND	5.0	4.4	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
Carbon Tetrachloride	ND	5.0	0.11	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
Chlorobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
Chlorodibromomethane	ND	0.50	0.21	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
Chloroethane	ND	2.0	0.35	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
Chloroform	ND	2.0	0.17	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
Chloromethane	ND	2.0	0.45	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
2-Chlorotoluene	ND	1.0	0.12	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
4-Chlorotoluene	ND	1.0	0.14	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.53	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.19	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
Dibromomethane	ND	1.0	0.37	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
1,2-Dichlorobenzene	ND	1.0	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
1,3-Dichlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	0.31	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.26	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
1,1-Dichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
1,2-Dichloroethane	ND	1.0	0.41	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
1,1-Dichloroethylene	ND	1.0	0.32	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
cis-1,2-Dichloroethylene	ND	1.0	0.13	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.31	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
1,2-Dichloropropane	ND	1.0	0.20	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
1,3-Dichloropropane	ND	0.50	0.11	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
2,2-Dichloropropane	ND	1.0	0.20	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
1,1-Dichloropropene	ND	2.0	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
cis-1,3-Dichloropropene	ND	0.50	0.13	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
trans-1,3-Dichloropropene	ND	0.50	0.23	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
Diethyl Ether	ND	2.0	0.34	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH

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Project Location: Kingston Brownfield | Sample Description: | Work Order: 19K0535

Date Received: 11/8/2019

Field Sample #: Trip Blank | Sampled: 11/6/2019 00:00

Sample ID: 19K0535-09

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	0.17	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
Ethylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
Hexachlorobutadiene	ND	0.60	0.47	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
2-Hexanone (MBK)	ND	10	1.5	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.17	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.20	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
Methyl Acetate	ND	1.0	0.42	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.25	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
Methyl Cyclohexane	ND	1.0	0.20	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
Methylene Chloride	ND	5.0	0.34	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.7	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
Naphthalene	ND	2.0	0.31	µg/L	1	V-05	SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
n-Propylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
Styrene	ND	1.0	0.11	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	0.27	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.22	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
Tetrachloroethylene	ND	1.0	0.18	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
Tetrahydrofuran	ND	10	0.51	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
Toluene	ND	1.0	0.14	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.57	µg/L	1	L-04, V-05	SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.40	µg/L	1	V-05	SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
1,3,5-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
1,1,1-Trichloroethane	ND	1.0	0.20	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
1,1,2-Trichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
Trichloroethylene	ND	1.0	0.24	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.33	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
1,2,3-Trichloropropane	ND	2.0	0.25	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.32	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
1,2,4-Trimethylbenzene	ND	1.0	0.18	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
1,3,5-Trimethylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
Vinyl Chloride	ND	2.0	0.45	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
m+p Xylene	ND	2.0	0.30	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
o-Xylene	ND	1.0	0.17	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	95.6	70-130		11/13/19 1:57
Toluene-d8	98.2	70-130		11/13/19 1:57
4-Bromofluorobenzene	91.3	70-130		11/13/19 1:57

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Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
19K0535-08 [615 Broadway soil]	B245791	11/12/19

Prep Method: SW-846 3010A-SW-846 6010D **Leachates were extracted on 11/12/2019 per SW-846 1311 in Batch B245827**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
19K0535-08 [615 Broadway soil]	B245947	50.0	50.0	11/13/19

Prep Method: SW-846 5030B-SW-846 8260C-D

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
19K0535-02 [MW-2]	B245767	5	5.00	11/12/19
19K0535-04 [MW-4]	B245767	5	5.00	11/12/19
19K0535-05 [MW-5]	B245767	5	5.00	11/12/19
19K0535-06 [MW-6]	B245767	5	5.00	11/12/19
19K0535-07 [DUP]	B245767	5	5.00	11/12/19
19K0535-09 [Trip Blank]	B245767	5	5.00	11/12/19

Prep Method: SW-846 5030B-SW-846 8260C-D

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
19K0535-01 [MW-1]	B245874	5	5.00	11/13/19
19K0535-03 [MW-3]	B245874	5	5.00	11/13/19

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B245767 - SW-846 5030B										
Blank (B245767-BLK1)				Prepared: 11/12/19 Analyzed: 11/13/19						
Acetone	ND	50	µg/L							
Acrylonitrile	ND	5.0	µg/L							
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L							
Benzene	ND	1.0	µg/L							
Bromobenzene	ND	1.0	µg/L							
Bromochloromethane	ND	1.0	µg/L							
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	1.0	µg/L							
Bromomethane	ND	2.0	µg/L							
2-Butanone (MEK)	ND	20	µg/L							
tert-Butyl Alcohol (TBA)	ND	20	µg/L							
n-Butylbenzene	ND	1.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L							
Carbon Disulfide	ND	5.0	µg/L							
Carbon Tetrachloride	ND	5.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
2-Chlorotoluene	ND	1.0	µg/L							
4-Chlorotoluene	ND	1.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
Dibromomethane	ND	1.0	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
1,3-Dichloropropane	ND	0.50	µg/L							
2,2-Dichloropropane	ND	1.0	µg/L							
1,1-Dichloropropene	ND	2.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Diethyl Ether	ND	2.0	µg/L							
Diisopropyl Ether (DIPE)	ND	0.50	µg/L							
1,4-Dioxane	ND	50	µg/L							
Ethylbenzene	ND	1.0	µg/L							
Hexachlorobutadiene	ND	0.60	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L							
Methyl Acetate	ND	1.0	µg/L							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B245767 - SW-846 5030B											
Blank (B245767-BLK1)				Prepared: 11/12/19 Analyzed: 11/13/19							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L								
Methyl Cyclohexane	ND	1.0	µg/L								
Methylene Chloride	ND	5.0	µg/L								
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L								
Naphthalene	ND	2.0	µg/L							V-05	
n-Propylbenzene	ND	1.0	µg/L								
Styrene	ND	1.0	µg/L								
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L								
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L								
Tetrachloroethylene	ND	1.0	µg/L								
Tetrahydrofuran	ND	10	µg/L								
Toluene	ND	1.0	µg/L								
1,2,3-Trichlorobenzene	ND	5.0	µg/L							L-04, V-05	
1,2,4-Trichlorobenzene	ND	1.0	µg/L							V-05	
1,3,5-Trichlorobenzene	ND	1.0	µg/L								
1,1,1-Trichloroethane	ND	1.0	µg/L								
1,1,2-Trichloroethane	ND	1.0	µg/L								
Trichloroethylene	ND	1.0	µg/L								
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L								
1,2,3-Trichloropropane	ND	2.0	µg/L								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L								
1,2,4-Trimethylbenzene	ND	1.0	µg/L								
1,3,5-Trimethylbenzene	ND	1.0	µg/L								
Vinyl Chloride	ND	2.0	µg/L								
m+p Xylene	ND	2.0	µg/L								
o-Xylene	ND	1.0	µg/L								
Surrogate: 1,2-Dichloroethane-d4	*23.4*		µg/L	25.0		93.8	70-130				
Surrogate: Toluene-d8	*25.0*		µg/L	25.0		99.9	70-130				
Surrogate: 4-Bromofluorobenzene	*22.5*		µg/L	25.0		89.9	70-130				
LCS (B245767-BS1)				Prepared: 11/12/19 Analyzed: 11/13/19							
Acetone	119	50	µg/L	100		119	70-160				†
Acrylonitrile	9.53	5.0	µg/L	10.0		95.3	70-130				
tert-Amyl Methyl Ether (TAME)	8.70	0.50	µg/L	10.0		87.0	70-130				
Benzene	11.1	1.0	µg/L	10.0		111	70-130				
Bromobenzene	10.5	1.0	µg/L	10.0		105	70-130				
Bromochloromethane	11.0	1.0	µg/L	10.0		110	70-130				
Bromodichloromethane	10.7	0.50	µg/L	10.0		107	70-130				
Bromoform	10.5	1.0	µg/L	10.0		105	70-130				
Bromomethane	9.22	2.0	µg/L	10.0		92.2	40-160			V-20	†
2-Butanone (MEK)	101	20	µg/L	100		101	40-160				†
tert-Butyl Alcohol (TBA)	108	20	µg/L	100		108	40-160				†
n-Butylbenzene	9.81	1.0	µg/L	10.0		98.1	70-130				
sec-Butylbenzene	11.6	1.0	µg/L	10.0		116	70-130				
tert-Butylbenzene	11.6	1.0	µg/L	10.0		116	70-130				
tert-Butyl Ethyl Ether (TBEE)	8.84	0.50	µg/L	10.0		88.4	70-130				
Carbon Disulfide	12.0	5.0	µg/L	10.0		120	70-130				
Carbon Tetrachloride	11.0	5.0	µg/L	10.0		110	70-130				
Chlorobenzene	11.9	1.0	µg/L	10.0		119	70-130				
Chlorodibromomethane	10.7	0.50	µg/L	10.0		107	70-130				
Chloroethane	10.8	2.0	µg/L	10.0		108	70-130				
Chloroform	10.9	2.0	µg/L	10.0		109	70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B245767 - SW-846 5030B												
LCS (B245767-BS1)				Prepared: 11/12/19 Analyzed: 11/13/19								
Chloromethane	9.02	2.0	µg/L	10.0		90.2		40-160			V-20	†
2-Chlorotoluene	11.0	1.0	µg/L	10.0		110		70-130				
4-Chlorotoluene	10.5	1.0	µg/L	10.0		105		70-130				
1,2-Dibromo-3-chloropropane (DBCP)	9.33	5.0	µg/L	10.0		93.3		70-130				
1,2-Dibromoethane (EDB)	10.9	0.50	µg/L	10.0		109		70-130				
Dibromomethane	11.2	1.0	µg/L	10.0		112		70-130				
1,2-Dichlorobenzene	11.4	1.0	µg/L	10.0		114		70-130				
1,3-Dichlorobenzene	12.0	1.0	µg/L	10.0		120		70-130				
1,4-Dichlorobenzene	11.8	1.0	µg/L	10.0		118		70-130				
trans-1,4-Dichloro-2-butene	9.48	2.0	µg/L	10.0		94.8		70-130				
Dichlorodifluoromethane (Freon 12)	8.13	2.0	µg/L	10.0		81.3		40-160				†
1,1-Dichloroethane	11.2	1.0	µg/L	10.0		112		70-130				
1,2-Dichloroethane	10.5	1.0	µg/L	10.0		105		70-130				
1,1-Dichloroethylene	11.1	1.0	µg/L	10.0		111		70-130				
cis-1,2-Dichloroethylene	11.0	1.0	µg/L	10.0		110		70-130				
trans-1,2-Dichloroethylene	10.9	1.0	µg/L	10.0		109		70-130				
1,2-Dichloropropane	10.9	1.0	µg/L	10.0		109		70-130				
1,3-Dichloropropane	10.6	0.50	µg/L	10.0		106		70-130				
2,2-Dichloropropane	8.85	1.0	µg/L	10.0		88.5		40-130				†
1,1-Dichloropropene	11.1	2.0	µg/L	10.0		111		70-130				
cis-1,3-Dichloropropene	10.4	0.50	µg/L	10.0		104		70-130				
trans-1,3-Dichloropropene	9.98	0.50	µg/L	10.0		99.8		70-130				
Diethyl Ether	10.7	2.0	µg/L	10.0		107		70-130				
Diisopropyl Ether (DIPE)	10.5	0.50	µg/L	10.0		105		70-130				
1,4-Dioxane	84.4	50	µg/L	100		84.4		40-130				†
Ethylbenzene	11.1	1.0	µg/L	10.0		111		70-130				
Hexachlorobutadiene	9.61	0.60	µg/L	10.0		96.1		70-130				
2-Hexanone (MBK)	90.0	10	µg/L	100		90.0		70-160				†
Isopropylbenzene (Cumene)	11.2	1.0	µg/L	10.0		112		70-130				
p-Isopropyltoluene (p-Cymene)	10.5	1.0	µg/L	10.0		105		70-130				
Methyl Acetate	10.5	1.0	µg/L	10.0		105		70-130				
Methyl tert-Butyl Ether (MTBE)	10.5	1.0	µg/L	10.0		105		70-130				
Methyl Cyclohexane	11.1	1.0	µg/L	10.0		111		70-130				
Methylene Chloride	11.5	5.0	µg/L	10.0		115		70-130				
4-Methyl-2-pentanone (MIBK)	92.8	10	µg/L	100		92.8		70-160				†
Naphthalene	6.17	2.0	µg/L	10.0		61.7		40-130			V-05	†
n-Propylbenzene	10.5	1.0	µg/L	10.0		105		70-130				
Styrene	10.5	1.0	µg/L	10.0		105		70-130				
1,1,1,2-Tetrachloroethane	11.9	1.0	µg/L	10.0		119		70-130				
1,1,2,2-Tetrachloroethane	11.1	0.50	µg/L	10.0		111		70-130				
Tetrachloroethylene	11.9	1.0	µg/L	10.0		119		70-130				
Tetrahydrofuran	10.4	10	µg/L	10.0		104		70-130				
Toluene	11.1	1.0	µg/L	10.0		111		70-130				
1,2,3-Trichlorobenzene	6.65	5.0	µg/L	10.0		**66.5**	*	70-130			L-04, V-05	
1,2,4-Trichlorobenzene	7.09	1.0	µg/L	10.0		70.9		70-130			V-05	
1,3,5-Trichlorobenzene	8.76	1.0	µg/L	10.0		87.6		70-130				
1,1,1-Trichloroethane	10.9	1.0	µg/L	10.0		109		70-130				
1,1,2-Trichloroethane	11.5	1.0	µg/L	10.0		115		70-130				
Trichloroethylene	11.8	1.0	µg/L	10.0		118		70-130				
Trichlorofluoromethane (Freon 11)	9.72	2.0	µg/L	10.0		97.2		70-130				
1,2,3-Trichloropropane	9.26	2.0	µg/L	10.0		92.6		70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B245767 - SW-846 5030B											
LCS (B245767-BS1)				Prepared: 11/12/19 Analyzed: 11/13/19							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.8	1.0	µg/L	10.0		118	70-130				
1,2,4-Trimethylbenzene	11.0	1.0	µg/L	10.0		110	70-130				
1,3,5-Trimethylbenzene	10.2	1.0	µg/L	10.0		102	70-130				
Vinyl Chloride	9.36	2.0	µg/L	10.0		93.6	40-160				†
m+p Xylene	21.4	2.0	µg/L	20.0		107	70-130				
o-Xylene	11.3	1.0	µg/L	10.0		113	70-130				
Surrogate: 1,2-Dichloroethane-d4	*23.5*		µg/L	25.0		94.1	70-130				
Surrogate: Toluene-d8	*24.8*		µg/L	25.0		99.2	70-130				
Surrogate: 4-Bromofluorobenzene	*24.1*		µg/L	25.0		96.3	70-130				
LCS Dup (B245767-BSD1)				Prepared: 11/12/19 Analyzed: 11/13/19							
Acetone	138	50	µg/L	100		138	70-160	14.4	25		†
Acrylonitrile	8.99	5.0	µg/L	10.0		89.9	70-130	5.83	25		
tert-Amyl Methyl Ether (TAME)	8.68	0.50	µg/L	10.0		86.8	70-130	0.230	25		
Benzene	11.0	1.0	µg/L	10.0		110	70-130	1.18	25		
Bromobenzene	10.4	1.0	µg/L	10.0		104	70-130	0.287	25		
Bromochloromethane	11.2	1.0	µg/L	10.0		112	70-130	1.08	25		
Bromodichloromethane	11.0	0.50	µg/L	10.0		110	70-130	2.76	25		
Bromoform	10.6	1.0	µg/L	10.0		106	70-130	1.33	25		
Bromomethane	10.1	2.0	µg/L	10.0		101	40-160	8.71	25	V-20	†
2-Butanone (MEK)	107	20	µg/L	100		107	40-160	5.02	25		†
tert-Butyl Alcohol (TBA)	95.3	20	µg/L	100		95.3	40-160	12.3	25		†
n-Butylbenzene	9.30	1.0	µg/L	10.0		93.0	70-130	5.34	25		
sec-Butylbenzene	11.5	1.0	µg/L	10.0		115	70-130	0.347	25		
tert-Butylbenzene	11.4	1.0	µg/L	10.0		114	70-130	2.09	25		
tert-Butyl Ethyl Ether (TBEE)	8.77	0.50	µg/L	10.0		87.7	70-130	0.795	25		
Carbon Disulfide	10.9	5.0	µg/L	10.0		109	70-130	9.32	25		
Carbon Tetrachloride	11.1	5.0	µg/L	10.0		111	70-130	0.271	25		
Chlorobenzene	11.9	1.0	µg/L	10.0		119	70-130	0.505	25		
Chlorodibromomethane	10.3	0.50	µg/L	10.0		103	70-130	3.61	25		
Chloroethane	10.9	2.0	µg/L	10.0		109	70-130	1.20	25		
Chloroform	11.1	2.0	µg/L	10.0		111	70-130	1.09	25		
Chloromethane	9.00	2.0	µg/L	10.0		90.0	40-160	0.222	25	V-20	†
2-Chlorotoluene	10.7	1.0	µg/L	10.0		107	70-130	2.30	25		
4-Chlorotoluene	10.4	1.0	µg/L	10.0		104	70-130	0.575	25		
1,2-Dibromo-3-chloropropane (DBCP)	8.59	5.0	µg/L	10.0		85.9	70-130	8.26	25		
1,2-Dibromoethane (EDB)	11.2	0.50	µg/L	10.0		112	70-130	2.98	25		
Dibromomethane	11.0	1.0	µg/L	10.0		110	70-130	1.80	25		
1,2-Dichlorobenzene	11.4	1.0	µg/L	10.0		114	70-130	0.350	25		
1,3-Dichlorobenzene	11.9	1.0	µg/L	10.0		119	70-130	0.669	25		
1,4-Dichlorobenzene	11.4	1.0	µg/L	10.0		114	70-130	3.72	25		
trans-1,4-Dichloro-2-butene	9.17	2.0	µg/L	10.0		91.7	70-130	3.32	25		
Dichlorodifluoromethane (Freon 12)	8.15	2.0	µg/L	10.0		81.5	40-160	0.246	25		†
1,1-Dichloroethane	11.0	1.0	µg/L	10.0		110	70-130	1.62	25		
1,2-Dichloroethane	10.7	1.0	µg/L	10.0		107	70-130	1.88	25		
1,1-Dichloroethylene	11.4	1.0	µg/L	10.0		114	70-130	2.48	25		
cis-1,2-Dichloroethylene	10.8	1.0	µg/L	10.0		108	70-130	1.84	25		
trans-1,2-Dichloroethylene	10.7	1.0	µg/L	10.0		107	70-130	1.58	25		
1,2-Dichloropropane	11.3	1.0	µg/L	10.0		113	70-130	3.50	25		
1,3-Dichloropropane	10.7	0.50	µg/L	10.0		107	70-130	0.753	25		
2,2-Dichloropropane	8.65	1.0	µg/L	10.0		86.5	40-130	2.29	25		†
1,1-Dichloropropene	10.9	2.0	µg/L	10.0		109	70-130	1.73	25		

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B245767 - SW-846 5030B												
LCS Dup (B245767-BSD1)				Prepared: 11/12/19 Analyzed: 11/13/19								
cis-1,3-Dichloropropene	10.1	0.50	µg/L	10.0		101		70-130	2.73	25		
trans-1,3-Dichloropropene	9.86	0.50	µg/L	10.0		98.6		70-130	1.21	25		
Diethyl Ether	10.9	2.0	µg/L	10.0		109		70-130	1.76	25		
Diisopropyl Ether (DIPE)	10.4	0.50	µg/L	10.0		104		70-130	1.25	25		
1,4-Dioxane	88.4	50	µg/L	100		88.4		40-130	4.56	50		† ‡
Ethylbenzene	11.2	1.0	µg/L	10.0		112		70-130	0.180	25		
Hexachlorobutadiene	9.38	0.60	µg/L	10.0		93.8		70-130	2.42	25		
2-Hexanone (MBK)	94.0	10	µg/L	100		94.0		70-160	4.41	25		†
Isopropylbenzene (Cumene)	11.0	1.0	µg/L	10.0		110		70-130	1.53	25		
p-Isopropyltoluene (p-Cymene)	10.5	1.0	µg/L	10.0		105		70-130	0.285	25		
Methyl Acetate	10.3	1.0	µg/L	10.0		103		70-130	1.35	25		
Methyl tert-Butyl Ether (MTBE)	10.1	1.0	µg/L	10.0		101		70-130	3.40	25		
Methyl Cyclohexane	10.9	1.0	µg/L	10.0		109		70-130	1.09	25		
Methylene Chloride	11.4	5.0	µg/L	10.0		114		70-130	0.701	25		
4-Methyl-2-pentanone (MIBK)	91.2	10	µg/L	100		91.2		70-160	1.77	25		†
Naphthalene	6.18	2.0	µg/L	10.0		61.8		40-130	0.162	25	V-05	†
n-Propylbenzene	10.5	1.0	µg/L	10.0		105		70-130	0.0950	25		
Styrene	10.5	1.0	µg/L	10.0		105		70-130	0.285	25		
1,1,1,2-Tetrachloroethane	12.0	1.0	µg/L	10.0		120		70-130	0.587	25		
1,1,2,2-Tetrachloroethane	10.7	0.50	µg/L	10.0		107		70-130	3.68	25		
Tetrachloroethylene	11.9	1.0	µg/L	10.0		119		70-130	0.336	25		
Tetrahydrofuran	9.85	10	µg/L	10.0		98.5		70-130	5.34	25	J	
Toluene	11.2	1.0	µg/L	10.0		112		70-130	1.07	25		
1,2,3-Trichlorobenzene	6.47	5.0	µg/L	10.0		**64.7**	*	70-130	2.74	25	L-04, V-05	
1,2,4-Trichlorobenzene	7.23	1.0	µg/L	10.0		72.3		70-130	1.96	25	V-05	
1,3,5-Trichlorobenzene	8.90	1.0	µg/L	10.0		89.0		70-130	1.59	25		
1,1,1-Trichloroethane	10.9	1.0	µg/L	10.0		109		70-130	0.183	25		
1,1,2-Trichloroethane	11.7	1.0	µg/L	10.0		117		70-130	1.38	25		
Trichloroethylene	12.6	1.0	µg/L	10.0		126		70-130	6.53	25		
Trichlorofluoromethane (Freon 11)	9.73	2.0	µg/L	10.0		97.3		70-130	0.103	25		
1,2,3-Trichloropropane	9.86	2.0	µg/L	10.0		98.6		70-130	6.28	25		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.7	1.0	µg/L	10.0		117		70-130	0.681	25		
1,2,4-Trimethylbenzene	10.7	1.0	µg/L	10.0		107		70-130	2.31	25		
1,3,5-Trimethylbenzene	10.1	1.0	µg/L	10.0		101		70-130	0.689	25		
Vinyl Chloride	9.40	2.0	µg/L	10.0		94.0		40-160	0.426	25		†
m+p Xylene	21.7	2.0	µg/L	20.0		108		70-130	1.21	25		
o-Xylene	11.1	1.0	µg/L	10.0		111		70-130	2.05	25		
Surrogate: 1,2-Dichloroethane-d4	*23.3*		µg/L	25.0		93.3		70-130				
Surrogate: Toluene-d8	*25.3*		µg/L	25.0		101		70-130				
Surrogate: 4-Bromofluorobenzene	*24.2*		µg/L	25.0		96.6		70-130				
Batch B245874 - SW-846 5030B												
Blank (B245874-BLK1)				Prepared & Analyzed: 11/13/19								
Acetone	ND	50	µg/L									
Acrylonitrile	ND	5.0	µg/L									
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L									
Benzene	ND	1.0	µg/L									
Bromobenzene	ND	1.0	µg/L									
Bromochloromethane	ND	1.0	µg/L									
Bromodichloromethane	ND	0.50	µg/L									
Bromoform	ND	1.0	µg/L									

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QUALITY CONTROL

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B245874 - SW-846 5030B										
Blank (B245874-BLK1)				Prepared & Analyzed: 11/13/19						
Bromomethane	ND	2.0	µg/L							
2-Butanone (MEK)	ND	20	µg/L							
tert-Butyl Alcohol (TBA)	ND	20	µg/L							
n-Butylbenzene	ND	1.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L							
Carbon Disulfide	ND	5.0	µg/L							
Carbon Tetrachloride	ND	5.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
2-Chlorotoluene	ND	1.0	µg/L							
4-Chlorotoluene	ND	1.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
Dibromomethane	ND	1.0	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
1,3-Dichloropropane	ND	0.50	µg/L							
2,2-Dichloropropane	ND	1.0	µg/L							
1,1-Dichloropropene	ND	2.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Diethyl Ether	ND	2.0	µg/L							
Diisopropyl Ether (DIPE)	ND	0.50	µg/L							
1,4-Dioxane	ND	50	µg/L							
Ethylbenzene	ND	1.0	µg/L							
Hexachlorobutadiene	ND	0.60	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L							
Methyl Acetate	ND	1.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							
Methyl Cyclohexane	ND	1.0	µg/L							
Methylene Chloride	ND	5.0	µg/L							
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L							
Naphthalene	ND	2.0	µg/L							V-05
n-Propylbenzene	ND	1.0	µg/L							
Styrene	ND	1.0	µg/L							
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L							

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QUALITY CONTROL

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B245874 - SW-846 5030B											
Blank (B245874-BLK1)				Prepared & Analyzed: 11/13/19							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L								
Tetrachloroethylene	ND	1.0	µg/L								
Tetrahydrofuran	ND	10	µg/L								
Toluene	ND	1.0	µg/L								
1,2,3-Trichlorobenzene	ND	5.0	µg/L								
1,2,4-Trichlorobenzene	ND	1.0	µg/L								
1,3,5-Trichlorobenzene	ND	1.0	µg/L								
1,1,1-Trichloroethane	ND	1.0	µg/L								
1,1,2-Trichloroethane	ND	1.0	µg/L								
Trichloroethylene	ND	1.0	µg/L								
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L								
1,2,3-Trichloropropane	ND	2.0	µg/L								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L								
1,2,4-Trimethylbenzene	ND	1.0	µg/L								
1,3,5-Trimethylbenzene	ND	1.0	µg/L								
Vinyl Chloride	ND	2.0	µg/L								
m+p Xylene	ND	2.0	µg/L								
o-Xylene	ND	1.0	µg/L								
Surrogate: 1,2-Dichloroethane-d4	*23.9*		µg/L	25.0		95.7	70-130				
Surrogate: Toluene-d8	*24.2*		µg/L	25.0		97.0	70-130				
Surrogate: 4-Bromofluorobenzene	*24.2*		µg/L	25.0		96.7	70-130				
LCS (B245874-BS1)				Prepared & Analyzed: 11/13/19							
Acetone	112	50	µg/L	100		112	70-160				†
Acrylonitrile	8.98	5.0	µg/L	10.0		89.8	70-130				
tert-Amyl Methyl Ether (TAME)	9.39	0.50	µg/L	10.0		93.9	70-130				
Benzene	11.1	1.0	µg/L	10.0		111	70-130				
Bromobenzene	10.9	1.0	µg/L	10.0		109	70-130				
Bromochloromethane	11.1	1.0	µg/L	10.0		111	70-130				
Bromodichloromethane	11.0	0.50	µg/L	10.0		110	70-130				
Bromoform	10.6	1.0	µg/L	10.0		106	70-130				
Bromomethane	9.79	2.0	µg/L	10.0		97.9	40-160			V-20	†
2-Butanone (MEK)	97.8	20	µg/L	100		97.8	40-160				†
tert-Butyl Alcohol (TBA)	95.0	20	µg/L	100		95.0	40-160				†
n-Butylbenzene	10.3	1.0	µg/L	10.0		103	70-130				
sec-Butylbenzene	11.4	1.0	µg/L	10.0		114	70-130				
tert-Butylbenzene	11.1	1.0	µg/L	10.0		111	70-130				
tert-Butyl Ethyl Ether (TBEE)	9.22	0.50	µg/L	10.0		92.2	70-130				
Carbon Disulfide	11.5	5.0	µg/L	10.0		115	70-130				
Carbon Tetrachloride	11.4	5.0	µg/L	10.0		114	70-130				
Chlorobenzene	12.0	1.0	µg/L	10.0		120	70-130				
Chlorodibromomethane	10.6	0.50	µg/L	10.0		106	70-130				
Chloroethane	11.7	2.0	µg/L	10.0		117	70-130				
Chloroform	10.9	2.0	µg/L	10.0		109	70-130				
Chloromethane	8.91	2.0	µg/L	10.0		89.1	40-160			V-20	†
2-Chlorotoluene	11.2	1.0	µg/L	10.0		112	70-130				
4-Chlorotoluene	10.9	1.0	µg/L	10.0		109	70-130				
1,2-Dibromo-3-chloropropane (DBCP)	8.90	5.0	µg/L	10.0		89.0	70-130				
1,2-Dibromoethane (EDB)	11.1	0.50	µg/L	10.0		111	70-130				
Dibromomethane	10.7	1.0	µg/L	10.0		107	70-130				
1,2-Dichlorobenzene	11.4	1.0	µg/L	10.0		114	70-130				
1,3-Dichlorobenzene	12.1	1.0	µg/L	10.0		121	70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B245874 - SW-846 5030B											
LCS (B245874-BS1)				Prepared & Analyzed: 11/13/19							
1,4-Dichlorobenzene	11.3	1.0	µg/L	10.0		113	70-130				
trans-1,4-Dichloro-2-butene	9.31	2.0	µg/L	10.0		93.1	70-130				
Dichlorodifluoromethane (Freon 12)	7.59	2.0	µg/L	10.0		75.9	40-160				†
1,1-Dichloroethane	11.1	1.0	µg/L	10.0		111	70-130				
1,2-Dichloroethane	10.6	1.0	µg/L	10.0		106	70-130				
1,1-Dichloroethylene	11.2	1.0	µg/L	10.0		112	70-130				
cis-1,2-Dichloroethylene	11.3	1.0	µg/L	10.0		113	70-130				
trans-1,2-Dichloroethylene	11.0	1.0	µg/L	10.0		110	70-130				
1,2-Dichloropropane	11.2	1.0	µg/L	10.0		112	70-130				
1,3-Dichloropropane	10.9	0.50	µg/L	10.0		109	70-130				
2,2-Dichloropropane	10.4	1.0	µg/L	10.0		104	40-130				†
1,1-Dichloropropene	11.0	2.0	µg/L	10.0		110	70-130				
cis-1,3-Dichloropropene	10.5	0.50	µg/L	10.0		105	70-130				
trans-1,3-Dichloropropene	10.1	0.50	µg/L	10.0		101	70-130				
Diethyl Ether	10.8	2.0	µg/L	10.0		108	70-130				
Diisopropyl Ether (DIPE)	10.6	0.50	µg/L	10.0		106	70-130				
1,4-Dioxane	84.7	50	µg/L	100		84.7	40-130				†
Ethylbenzene	11.5	1.0	µg/L	10.0		115	70-130				
Hexachlorobutadiene	10.9	0.60	µg/L	10.0		109	70-130				
2-Hexanone (MBK)	91.6	10	µg/L	100		91.6	70-160				†
Isopropylbenzene (Cumene)	11.5	1.0	µg/L	10.0		115	70-130				
p-Isopropyltoluene (p-Cymene)	11.1	1.0	µg/L	10.0		111	70-130				
Methyl Acetate	9.45	1.0	µg/L	10.0		94.5	70-130				
Methyl tert-Butyl Ether (MTBE)	10.4	1.0	µg/L	10.0		104	70-130				
Methyl Cyclohexane	11.2	1.0	µg/L	10.0		112	70-130				
Methylene Chloride	11.5	5.0	µg/L	10.0		115	70-130				
4-Methyl-2-pentanone (MIBK)	89.6	10	µg/L	100		89.6	70-160				†
Naphthalene	7.31	2.0	µg/L	10.0		73.1	40-130			V-05	†
n-Propylbenzene	11.2	1.0	µg/L	10.0		112	70-130				
Styrene	11.1	1.0	µg/L	10.0		111	70-130				
1,1,1,2-Tetrachloroethane	12.4	1.0	µg/L	10.0		124	70-130				
1,1,2,2-Tetrachloroethane	11.5	0.50	µg/L	10.0		115	70-130				
Tetrachloroethylene	12.1	1.0	µg/L	10.0		121	70-130				
Tetrahydrofuran	9.75	10	µg/L	10.0		97.5	70-130			J	
Toluene	11.3	1.0	µg/L	10.0		113	70-130				
1,2,3-Trichlorobenzene	8.06	5.0	µg/L	10.0		80.6	70-130				
1,2,4-Trichlorobenzene	8.76	1.0	µg/L	10.0		87.6	70-130				
1,3,5-Trichlorobenzene	9.82	1.0	µg/L	10.0		98.2	70-130				
1,1,1-Trichloroethane	11.1	1.0	µg/L	10.0		111	70-130				
1,1,2-Trichloroethane	11.5	1.0	µg/L	10.0		115	70-130				
Trichloroethylene	11.7	1.0	µg/L	10.0		117	70-130				
Trichlorofluoromethane (Freon 11)	10.1	2.0	µg/L	10.0		101	70-130				
1,2,3-Trichloropropane	10.3	2.0	µg/L	10.0		103	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.2	1.0	µg/L	10.0		122	70-130				
1,2,4-Trimethylbenzene	10.9	1.0	µg/L	10.0		109	70-130				
1,3,5-Trimethylbenzene	10.8	1.0	µg/L	10.0		108	70-130				
Vinyl Chloride	9.64	2.0	µg/L	10.0		96.4	40-160				†
m+p Xylene	22.8	2.0	µg/L	20.0		114	70-130				
o-Xylene	11.5	1.0	µg/L	10.0		115	70-130				
Surrogate: 1,2-Dichloroethane-d4	*23.5*		µg/L	25.0		94.1	70-130				
Surrogate: Toluene-d8	*25.3*		µg/L	25.0		101	70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B245874 - SW-846 5030B											
LCS (B245874-BS1)				Prepared & Analyzed: 11/13/19							
Surrogate: 4-Bromofluorobenzene	*25.1*		µg/L	25.0		101	70-130				
LCS Dup (B245874-BSD1)				Prepared & Analyzed: 11/13/19							
Acetone	90.2	50	µg/L	100		90.2	70-160	21.3	25		†
Acrylonitrile	9.07	5.0	µg/L	10.0		90.7	70-130	0.997	25		
tert-Amyl Methyl Ether (TAME)	9.39	0.50	µg/L	10.0		93.9	70-130	0.00	25		
Benzene	10.9	1.0	µg/L	10.0		109	70-130	1.92	25		
Bromobenzene	10.7	1.0	µg/L	10.0		107	70-130	1.85	25		
Bromochloromethane	11.4	1.0	µg/L	10.0		114	70-130	2.49	25		
Bromodichloromethane	11.0	0.50	µg/L	10.0		110	70-130	0.455	25		
Bromoform	10.8	1.0	µg/L	10.0		108	70-130	1.77	25		
Bromomethane	9.96	2.0	µg/L	10.0		99.6	40-160	1.72	25	V-20	†
2-Butanone (MEK)	91.8	20	µg/L	100		91.8	40-160	6.43	25		†
tert-Butyl Alcohol (TBA)	98.3	20	µg/L	100		98.3	40-160	3.46	25		†
n-Butylbenzene	10.1	1.0	µg/L	10.0		101	70-130	1.57	25		
sec-Butylbenzene	11.2	1.0	µg/L	10.0		112	70-130	1.77	25		
tert-Butylbenzene	11.0	1.0	µg/L	10.0		110	70-130	1.18	25		
tert-Butyl Ethyl Ether (TBEE)	9.29	0.50	µg/L	10.0		92.9	70-130	0.756	25		
Carbon Disulfide	10.6	5.0	µg/L	10.0		106	70-130	8.24	25		
Carbon Tetrachloride	10.9	5.0	µg/L	10.0		109	70-130	4.58	25		
Chlorobenzene	11.7	1.0	µg/L	10.0		117	70-130	2.78	25		
Chlorodibromomethane	10.6	0.50	µg/L	10.0		106	70-130	0.660	25		
Chloroethane	10.5	2.0	µg/L	10.0		105	70-130	10.5	25		
Chloroform	10.8	2.0	µg/L	10.0		108	70-130	1.29	25		
Chloromethane	8.78	2.0	µg/L	10.0		87.8	40-160	1.47	25	V-20	†
2-Chlorotoluene	10.8	1.0	µg/L	10.0		108	70-130	3.37	25		
4-Chlorotoluene	10.6	1.0	µg/L	10.0		106	70-130	2.14	25		
1,2-Dibromo-3-chloropropane (DBCP)	9.41	5.0	µg/L	10.0		94.1	70-130	5.57	25		
1,2-Dibromoethane (EDB)	11.2	0.50	µg/L	10.0		112	70-130	0.898	25		
Dibromomethane	10.6	1.0	µg/L	10.0		106	70-130	0.749	25		
1,2-Dichlorobenzene	11.3	1.0	µg/L	10.0		113	70-130	0.883	25		
1,3-Dichlorobenzene	12.0	1.0	µg/L	10.0		120	70-130	0.832	25		
1,4-Dichlorobenzene	11.6	1.0	µg/L	10.0		116	70-130	1.83	25		
trans-1,4-Dichloro-2-butene	8.70	2.0	µg/L	10.0		87.0	70-130	6.77	25		
Dichlorodifluoromethane (Freon 12)	7.64	2.0	µg/L	10.0		76.4	40-160	0.657	25		†
1,1-Dichloroethane	10.8	1.0	µg/L	10.0		108	70-130	2.65	25		
1,2-Dichloroethane	10.7	1.0	µg/L	10.0		107	70-130	0.470	25		
1,1-Dichloroethylene	10.8	1.0	µg/L	10.0		108	70-130	2.91	25		
cis-1,2-Dichloroethylene	11.1	1.0	µg/L	10.0		111	70-130	1.70	25		
trans-1,2-Dichloroethylene	10.4	1.0	µg/L	10.0		104	70-130	5.91	25		
1,2-Dichloropropane	11.2	1.0	µg/L	10.0		112	70-130	0.0889	25		
1,3-Dichloropropane	10.9	0.50	µg/L	10.0		109	70-130	0.459	25		
2,2-Dichloropropane	9.84	1.0	µg/L	10.0		98.4	40-130	5.82	25		†
1,1-Dichloropropene	10.9	2.0	µg/L	10.0		109	70-130	0.456	25		
cis-1,3-Dichloropropene	10.4	0.50	µg/L	10.0		104	70-130	0.383	25		
trans-1,3-Dichloropropene	10.1	0.50	µg/L	10.0		101	70-130	0.693	25		
Diethyl Ether	10.5	2.0	µg/L	10.0		105	70-130	2.90	25		
Diisopropyl Ether (DIPE)	10.4	0.50	µg/L	10.0		104	70-130	1.33	25		
1,4-Dioxane	82.4	50	µg/L	100		82.4	40-130	2.66	50		† ‡
Ethylbenzene	11.2	1.0	µg/L	10.0		112	70-130	2.29	25		
Hexachlorobutadiene	10.6	0.60	µg/L	10.0		106	70-130	2.14	25		
2-Hexanone (MBK)	90.3	10	µg/L	100		90.3	70-160	1.50	25		†

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B245874 - SW-846 5030B											
LCS Dup (B245874-BSD1)				Prepared & Analyzed: 11/13/19							
Isopropylbenzene (Cumene)	11.0	1.0	µg/L	10.0		110	70-130	4.27	25		
p-Isopropyltoluene (p-Cymene)	10.8	1.0	µg/L	10.0		108	70-130	3.02	25		
Methyl Acetate	9.68	1.0	µg/L	10.0		96.8	70-130	2.40	25		
Methyl tert-Butyl Ether (MTBE)	10.3	1.0	µg/L	10.0		103	70-130	0.580	25		
Methyl Cyclohexane	11.1	1.0	µg/L	10.0		111	70-130	0.986	25		
Methylene Chloride	11.2	5.0	µg/L	10.0		112	70-130	2.46	25		
4-Methyl-2-pentanone (MIBK)	91.4	10	µg/L	100		91.4	70-160	1.99	25		†
Naphthalene	7.31	2.0	µg/L	10.0		73.1	40-130	0.00	25	V-05	†
n-Propylbenzene	10.6	1.0	µg/L	10.0		106	70-130	5.05	25		
Styrene	10.8	1.0	µg/L	10.0		108	70-130	2.46	25		
1,1,1,2-Tetrachloroethane	12.0	1.0	µg/L	10.0		120	70-130	3.29	25		
1,1,2,2-Tetrachloroethane	11.4	0.50	µg/L	10.0		114	70-130	0.175	25		
Tetrachloroethylene	11.9	1.0	µg/L	10.0		119	70-130	1.08	25		
Tetrahydrofuran	10.1	10	µg/L	10.0		101	70-130	3.63	25		
Toluene	11.2	1.0	µg/L	10.0		112	70-130	0.802	25		
1,2,3-Trichlorobenzene	7.80	5.0	µg/L	10.0		78.0	70-130	3.28	25		
1,2,4-Trichlorobenzene	8.61	1.0	µg/L	10.0		86.1	70-130	1.73	25		
1,3,5-Trichlorobenzene	9.35	1.0	µg/L	10.0		93.5	70-130	4.90	25		
1,1,1-Trichloroethane	10.8	1.0	µg/L	10.0		108	70-130	2.93	25		
1,1,2-Trichloroethane	11.2	1.0	µg/L	10.0		112	70-130	3.44	25		
Trichloroethylene	11.5	1.0	µg/L	10.0		115	70-130	2.07	25		
Trichlorofluoromethane (Freon 11)	9.44	2.0	µg/L	10.0		94.4	70-130	6.95	25		
1,2,3-Trichloropropane	9.84	2.0	µg/L	10.0		98.4	70-130	4.76	25		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.5	1.0	µg/L	10.0		115	70-130	5.99	25		
1,2,4-Trimethylbenzene	10.8	1.0	µg/L	10.0		108	70-130	1.11	25		
1,3,5-Trimethylbenzene	10.3	1.0	µg/L	10.0		103	70-130	4.83	25		
Vinyl Chloride	9.31	2.0	µg/L	10.0		93.1	40-160	3.48	25		†
m+p Xylene	22.1	2.0	µg/L	20.0		110	70-130	3.21	25		
o-Xylene	11.1	1.0	µg/L	10.0		111	70-130	3.80	25		
Surrogate: 1,2-Dichloroethane-d4	*23.6*		µg/L	25.0		94.2	70-130				
Surrogate: Toluene-d8	*24.9*		µg/L	25.0		99.7	70-130				
Surrogate: 4-Bromofluorobenzene	*24.6*		µg/L	25.0		98.5	70-130				

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QUALITY CONTROL

TCLP - Metals Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B245947 - SW-846 3010A										
Blank (B245947-BLK1)				Prepared & Analyzed: 11/13/19						
Lead	ND	0.10	mg/L							
LCS (B245947-BS1)				Prepared & Analyzed: 11/13/19						
Lead	0.488	0.10	mg/L	0.500		97.6	80-120			
LCS Dup (B245947-BSD1)				Prepared & Analyzed: 11/13/19						
Lead	0.511	0.10	mg/L	0.500		102	80-120	4.63	20	

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.

J	Detected but below the Reporting Limit (lowest calibration standard); therefore, result is an estimated concentration (CLP J-Flag).
L-04	Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.
V-05	Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.
V-20	Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 6010D in Water	
Lead	NY,CT,ME,NC,NH,VA
SW-846 8260C-D in Water	
Acetone	CT,ME,NH,VA,NY
Acrylonitrile	CT,ME,NH,VA,NY
tert-Amyl Methyl Ether (TAME)	ME,NH,VA,NY
Benzene	CT,ME,NH,VA,NY
Bromobenzene	ME,NY
Bromochloromethane	ME,NH,VA,NY
Bromodichloromethane	CT,ME,NH,VA,NY
Bromoform	CT,ME,NH,VA,NY
Bromomethane	CT,ME,NH,VA,NY
2-Butanone (MEK)	CT,ME,NH,VA,NY
tert-Butyl Alcohol (TBA)	ME,NH,VA,NY
n-Butylbenzene	ME,VA,NY
sec-Butylbenzene	ME,VA,NY
tert-Butylbenzene	ME,VA,NY
tert-Butyl Ethyl Ether (TBEE)	ME,NH,VA,NY
Carbon Disulfide	CT,ME,NH,VA,NY
Carbon Tetrachloride	CT,ME,NH,VA,NY
Chlorobenzene	CT,ME,NH,VA,NY
Chlorodibromomethane	CT,ME,NH,VA,NY
Chloroethane	CT,ME,NH,VA,NY
Chloroform	CT,ME,NH,VA,NY
Chloromethane	CT,ME,NH,VA,NY
2-Chlorotoluene	ME,NH,VA,NY
4-Chlorotoluene	ME,NH,VA,NY
1,2-Dibromo-3-chloropropane (DBCP)	ME,NY
1,2-Dibromoethane (EDB)	ME,NY
Dibromomethane	ME,NH,VA,NY
1,2-Dichlorobenzene	CT,ME,NH,VA,NY
1,3-Dichlorobenzene	CT,ME,NH,VA,NY
1,4-Dichlorobenzene	CT,ME,NH,VA,NY
trans-1,4-Dichloro-2-butene	ME,NH,VA,NY
Dichlorodifluoromethane (Freon 12)	ME,NH,VA,NY
1,1-Dichloroethane	CT,ME,NH,VA,NY
1,2-Dichloroethane	CT,ME,NH,VA,NY
1,1-Dichloroethylene	CT,ME,NH,VA,NY
cis-1,2-Dichloroethylene	ME,NY
trans-1,2-Dichloroethylene	CT,ME,NH,VA,NY
1,2-Dichloropropane	CT,ME,NH,VA,NY
1,3-Dichloropropane	ME,VA,NY
2,2-Dichloropropane	ME,NH,VA,NY
1,1-Dichloropropene	ME,NH,VA,NY
cis-1,3-Dichloropropene	CT,ME,NH,VA,NY
trans-1,3-Dichloropropene	CT,ME,NH,VA,NY
Diethyl Ether	ME,NY

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C-D in Water	
Diisopropyl Ether (DIPE)	ME,NH,VA,NY
1,4-Dioxane	ME,NY
Ethylbenzene	CT,ME,NH,VA,NY
Hexachlorobutadiene	CT,ME,NH,VA,NY
2-Hexanone (MBK)	CT,ME,NH,VA,NY
Isopropylbenzene (Cumene)	ME,VA,NY
p-Isopropyltoluene (p-Cymene)	CT,ME,NH,VA,NY
Methyl Acetate	ME,NY
Methyl tert-Butyl Ether (MTBE)	CT,ME,NH,VA,NY
Methyl Cyclohexane	NY
Methylene Chloride	CT,ME,NH,VA,NY
4-Methyl-2-pentanone (MIBK)	CT,ME,NH,VA,NY
Naphthalene	ME,NH,VA,NY
n-Propylbenzene	CT,ME,NH,VA,NY
Styrene	CT,ME,NH,VA,NY
1,1,1,2-Tetrachloroethane	CT,ME,NH,VA,NY
1,1,2,2-Tetrachloroethane	CT,ME,NH,VA,NY
Tetrachloroethylene	CT,ME,NH,VA,NY
Toluene	CT,ME,NH,VA,NY
1,2,3-Trichlorobenzene	ME,NH,VA,NY
1,2,4-Trichlorobenzene	CT,ME,NH,VA,NY
1,3,5-Trichlorobenzene	ME
1,1,1-Trichloroethane	CT,ME,NH,VA,NY
1,1,2-Trichloroethane	CT,ME,NH,VA,NY
Trichloroethylene	CT,ME,NH,VA,NY
Trichlorofluoromethane (Freon 11)	CT,ME,NH,VA,NY
1,2,3-Trichloropropane	ME,NH,VA,NY
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	VA,NY
1,2,4-Trimethylbenzene	ME,VA,NY
1,3,5-Trimethylbenzene	ME,VA,NY
Vinyl Chloride	CT,ME,NH,VA,NY
m+p Xylene	CT,ME,NH,VA,NY
o-Xylene	CT,ME,NH,VA,NY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2017	100033	03/1/2020
MA	Massachusetts DEP	M-MA100	06/30/2020
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2021
NY	New York State Department of Health	10899 NELAP	04/1/2020
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2020
RI	Rhode Island Department of Health	LAO00112	12/30/2019
NC	North Carolina Div. of Water Quality	652	12/31/2019
NJ	New Jersey DEP	MA007 NELAP	06/30/2020
FL	Florida Department of Health	E871027 NELAP	06/30/2020
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2020
ME	State of Maine	2011028	06/9/2021
VA	Commonwealth of Virginia	460217	12/14/2019
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2020
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2020
NC-DW	North Carolina Department of Health	25703	07/31/2020
PA	Commonwealth of Pennsylvania DEP	68-05812	06/30/2020

con-test ANALYTICAL LABORATORY

Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com

http://www.contestlabs.com

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Doc # 381 Rev 2_06262019

Page 1 of 1

Sampler Name: Weston; Sampson
Address: 55 Walkers Brook Dr, Reading, MA
Phone: 1-800-SAMPSON
Project Name: Kingston Brownfields
Project Location: 615 Broadway
Project Number: N2180001
Project Manager: Cailyn Locci
Con-Test Quote Name/Number:
Invoice Recipient:
Sampled By: JWW / EMG

Requested Turnaround Time: 7-Day ☐ 10-Day ☐ PFAS 10-Day (std) ☐ Due Date: 5-day
RUSH Approval Required: 1-Day ☐ 2-Day ☐ 3-Day ☐ 4-Day ☐
Data Delivery: Format: PDF ☒ EXCEL ☒ Other: CLP Like Data Pkg Required: ☐
Email To: LOCCI.CAILYN@WSEINC.COM
Fax To #: MURPHYJ@WSEINC.COM
Dissolved Metals Samples: ○ Field Filtered ○ Lab to Filter
Orthophosphate Samples: ○ Field Filtered ○ Lab to Filter

ANALYSIS REQUESTED

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	COMP/GRAB	[1] Matrix Code	Conc Code	VIALS	GLASS	PLASTIC	BACTERIA	ENCORE	H	I	VOCs 8260	TCLP Lead													
1	MW-1	11/5/19	1350	GRAB	GW	U	3					X																
2	MW-2	11/6/19	0900				3					X																
3	MW-3	11/6/19	0955				3					X																
4	MW-4	11/6/19	1115				3					X																
5	MW-5	11/6/19	1235				3					X																
6	MW-6	11/5/19	1445				3					X																
7	DUP						3					X																
8	615 Broadway Soil	11/6/19	1311		S			1					X															
9	Trip Blank											X																

[2] Preservation Code

Courier Use Only
Total Number Of:
VIALS
GLASS
PLASTIC
BACTERIA
ENCORE

Glassware in the fridge? Y / N
Glassware in freezer? Y / N
Prepackaged Cooler? Y / N
*Contest is not responsible for missing samples from prepacked coolers

[1] Matrix Codes:
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define)

[2] Preservation Codes:
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

Relinquished by: (signature)	Date/Time:
	11/6/19 5:50pm
Received by: (signature)	Date/Time:
	11-7-19 8:35AM
Relinquished by: (signature)	Date/Time:
	11-7-19 1630
Received by: (signature)	Date/Time:
	11-8-19
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Client Comments: Detection limits: TOGS for GW, & TCLP for soil sample. NY

Detection Limit Requirements: MA; RCP; Other
Special Requirements: ☐ MA MCP Required; MCP Certification Form Required; ☐ CT RCP Required; RCP Certification Form Required; ☐ MA State DW Required; PWSID #

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

NELAC and AIHA-LAP, LLC Accredited

Project Entity: Government ☐ Federal ☐ City ☐ Municipality ☐ 21 J ☐ Brownfield ☐ MWRA ☐ School ☐ MBTA ☐ WRTA ☐

Other: ☐ Chromatogram ☐ AIHA-LAP,LLC

PCB ONLY: ☐ Soxhlet ☐ Non Soxhlet

Comments:

Disclaimer: Con-Test Labs is not responsible for any omitted information on the Chain of Custody. The Chain of Custody is a legal document that must be complete and accurate and is used to determine what analyses the laboratory will perform. Any missing information is not the laboratory's responsibility. Con Test values your partnership on each project and will try to assist with missing information, but will not b held accountable.

Table of Contents

FedEx

776931730904

Delivered
Friday 11/08/2019 at 9:59 am

DELIVERED

Signed for by: R.PETRAITIS

GET STATUS UPDATES

OBTAIN PROOF OF DELIVERY

FROM
ALBANY, NY US

TO
EAST LONGMEADOW, MA US

Shipment Facts

TRACKING NUMBER
776931730904

SERVICE
FedEx Priority Overnight

WEIGHT
48 lbs / 21.77 kgs

DIMENSIONS
24x14x13 in.

DELIVERED TO
Shipping/Receiving

TOTAL PIECES
1

TOTAL SHIPMENT WEIGHT
48 lbs / 21.77 kgs

TERMS
Recipient

SHIPPER REFERENCE
85

PACKAGING
Your Packaging

SPECIAL HANDLING SECTION
Deliver Weekday

STANDARD TRANSIT
11/08/2019 by 10:30 am

SHIP DATE
Thu 11/07/2019

ACTUAL DELIVERY
Fri 11/08/2019 9:59 am

Travel History

Local Scan Time

Friday , 11/08/2019

9:59 am	EAST LONGMEADOW, MA	Delivered
7:31 am	WINDSOR LOCKS, CT	On FedEx vehicle for delivery

I Have Not Confirmed Sample Container Numbers With Lab Staff Before Relinquishing Over Samples_____

con-test® ANALYTICAL LABORATORY

Doc# 277 Rev 5 2017

Login Sample Receipt Checklist - (Rejection Criteria Listing - Using Acceptance Policy) Any False Statement will be brought to the attention of the Client - State True or False

Client Weston & Sampson

Received By SA Date 11/8 Time 0959

How were the samples received? In Cooler T No Cooler _____ On Ice T No Ice _____

Direct from Sampling _____ Ambient _____ Melted Ice _____

Were samples within Temperature? 2-6°C T By Gun # _____ Actual Temp - 4.5

By Blank # _____ Actual Temp - _____

Was Custody Seal Intact? NA Were Samples Tampered with? NA

Was COC Relinquished ? T Does Chain Agree With Samples? T

Are there broken/leaking/loose caps on any samples? F

Is COC in ink/ Legible? T Were samples received within holding time? T

Did COC include all pertinent Information? Client T Analysis ID's T Sampler Name T

Project T T Collection Dates/Times T

Are Sample labels filled out and legible? T

Are there Lab to Filters? F Who was notified? _____

Are there Rushes? F Who was notified? _____

Are there Short Holds? F Who was notified? _____

Is there enough Volume? T

Is there Headspace where applicable? F MS/MSD? F

Proper Media/Containers Used? T Is splitting samples required? F

Were trip blanks received? T On COC? T

Do all samples have the proper pH? Acid NA Base NA

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		~~16 oz~~ Amb.	
HCL-	25	500 mL Amb.		500 mL Plastic		8oz Amb/Clear	1
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Flashpoint		Col./Bacteria		2oz Amb/Clear	
DI-		Other Glass		Other Plastic		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Unused Media

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-		Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Comments:

APPENDIX E
Waste Disposal Manifests

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	n/a	2	800-451-8984	031720 - D1

5. Generator's Name and Mailing Address
City of Kingston
c/o Brenna Robinson - 420 Broadway
Kingston, NY 12401

Generator's Site Address (if different than mailing address)
80 Albert Street
Kingston, NY 12401

Generator's Phone: 845-334-3924

6. Transporter 1 Company Name: MC Environmental Services, Inc.
U.S. EPA ID Number: NYR000021071

7. Transporter 2 Company Name: Veolia ES Technical Solutions
U.S. EPA ID Number: NJD080631769

8. Designated Facility Name and Site Address
Veolia ES Technical Solutions, LLC
4301 Infirmary Road
West Carrollton, OH 45449 USA
U.S. EPA ID Number: OHD093945293

Facility's Phone: 937-859-2207-169

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	Non RCRA, Non DOT-Regulated None None	1	DM	20	G
2.	Non-RCRA Non DOT-Regulated None None	1	DM	200	P
3.					
4.					

13. Special Handling Instructions and Additional Information
9.1 IDW Purge Water - WIP #: 818711 Approval #: SRRLFLIQ-NH
9.2 IDW Soils - WIP #: 818707 Approval #: SRRLFSOLID-NH
Emergency Contact: M. Craft - 800-451-8984

GENERATOR

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Bill Hayman
Signature: Bill Hayman
Month: 3 Day: 17 Year: 20

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S.
Port of entry/exit:
Transporter Signature (for exports only):
Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Brian Flanagan
Signature:
Month: 3 Day: 17 Year: 20

Transporter 2 Printed/Typed Name: John Kudziolka
Signature:
Month: 3 Day: 17 Year: 20

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

1. H141 2. H141

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Bon Harry Blankenship
Signature:
Month: 3 Day: 20 Year: 20

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	n/a	2	800-451-8984	031720 - D2

GENERATOR

5. Generator's Name and Mailing Address
City of Kingston
c/o Brenna Robinson - 420 Broadway
Kingston, NY 12401

Generator's Site Address (if different than mailing address)
615 Broadway
Kingston, NY 12401

Generator's Phone: 845-334-3924

6. Transporter 1 Company Name: MC Environmental Services, Inc. — U.S. EPA ID Number: NYR000021071

7. Transporter 2 Company Name: Veolia ES Technical Solutions — U.S. EPA ID Number: NJD080631767

8. Designated Facility Name and Site Address
Veolia ES Technical Solutions, LLC
4301 Infirmary Road
West Carrollton, OH 45449 USA

U.S. EPA ID Number: OHD093945293

Facility's Phone: 937-859-2207-169

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non RCRA, Non DOT-Regulated None None	~~1~~ BPO	DM	NA	G	
2.	Non-RCRA Non DOT-Regulated None None	1	DM	300	P	
3.						
4.						

13. Special Handling Instructions and Additional Information
9.1 IDW Purge Water - WIP # 818644 Approval #: SRRLFLIQ-NH
9.2 IDW Solis - WIP # 818643 Approval #: SRRLFSOLID-NH
Emergency Contact: M. Craft - 800-451-8984

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Bill Haymah — Signature: Bill Hay — Month 3 Day 17 Year 20

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Brian Flanagan — Signature: [signature] — Month 3 Day 17 Year 20

Transporter 2 Printed/Typed Name: John Kudziok — Signature: [signature] — Month 3 Day 17 Year 20

FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

APPENDIX F

Data Usability Summary Reports (DUSRs) – June 2019

ALPHA
GEOSCIENCE
Geology
Hydrology
Remediation
Water Supply

October 9, 2019

Ms. Cailyn Locci, P.G.
Senior Project Manager
Weston & Sampson
1 Winners Circle, Suite 130
Albany, New York 12205

Re: Data Validation Report
615 Broadway, Kingston, NY
June 2019 Soil and Ground Water Sampling Events

Dear Ms. Locci:

The data usability summary report (DUSR) and data validation summaries are attached to this letter for the 615 Broadway, June 2019 soil and ground water sampling events. The data for Con-Test Analytical Laboratory work order numbers 19F0630 and 19F1123 are acceptable with some minor issues that are identified and discussed in the validation summaries. There are no data that are qualified as rejected, unusable (R) in the data packs.

A list of common data validation acronyms is attached to this letter to assist you in interpreting the validation summaries. If you have any questions concerning the work performed, please contact me at (518) 348-6995. Thank you for the opportunity to assist Weston & Sampson.

Sincerely,
Alpha Geoscience

Donald Anné
Senior Chemist

DCA/bms
Via email

z:\projects\2019\19600-19620\19616-615 broadway\615 broadway-191.ltr.docx

Data Validation Qualifiers Used in the QA/QC Reviews for USEPA Region II

U	=	Not detected. The associated number indicates the approximate sample concentration necessary to be detected significantly greater than the level of the highest associated blank.
R	=	Unreliable result; data is rejected or unusable. Analyte may or may not be present in the sample. Supporting data or information is necessary to confirm the result.
N	=	Tentative identification. Analyte is considered present. Special methods may be needed to confirm its presence or absence during future sampling efforts.
J	=	Analyte is present. Reported value may be associated with a higher level of uncertainty than is normally expected with the analytical method.
J-	=	Analyte is present. Reported value may be biased low and associated with a higher level of uncertainty than is normally expected with the analytical method.
J+	=	Analyte is present. Reported value may be biased high andassociated with a higher level of uncertainty than is normally expected with the analytical method.
UJ	=	Not detected, quantitation limit may be inaccurate or imprecise.

Note: These qualifiers are used for data validation purposes. The data validation qualifiers may differ from the qualifiers that the laboratory assigns to the data. Refer to the laboratory analytical report for the definitions of the laboratory qualifiers.

Data Validation Acronyms

AA	Atomic absorption, flame technique
BHC	Hexachlorocyclohexane
BFB	Bromofluorobenzene
CCB	Continuing calibration blank
CCC	Calibration check compound
CCV	Continuing calibration verification
CN	Cyanide
CRDL	Contract required detection limit
CRQL	Contract required quantitation limit
CVAA	Atomic adsorption, cold vapor technique
DCAA	2,4-Dichlophenylacetic acid
DCB	Decachlorobiphenyl
DFTPP	Decafluorotriphenyl phosphine
ECD	Electron capture detector
FAA	Atomic absorption, furnace technique
FID	Flame ionization detector
FNP	1-Fluoronaphthalene
GC	Gas chromatography
GC/MS	Gas chromatography/mass spectrometry
GPC	Gel permeation chromatography
ICB	Initial calibration blank
ICP	Inductively coupled plasma-atomic emission spectrometer
ICV	Initial calibration verification
IDL	Instrument detection limit
IS	Internal standard
LCS	Laboratory control sample
LCS/LCSD	Laboratory control sample/laboratory control sample duplicate
MSA	Method of standard additions
MS/MSD	Matrix spike/matrix spike duplicate
PID	Photo ionization detector
PCB	Polychlorinated biphenyl
PCDD	Polychlorinated dibenzodioxins
PCDF	Polychlorinated dibenzofurans
QA	Quality assurance
QC	Quality control
RF	Response factor
RPD	Relative percent difference
RRF	Relative response factor
RRF(number)	Relative response factor at concentration of the number following
RT	Retention time
RRT	Relative retention time
SDG	Sample delivery group
SPCC	System performance check compound
TCX	Tetrachloro-m-xylene
%D	Percent difference
%R	Percent recovery
%RSD	Percent relative standard deviation

ALPHA
GEOSCIENCE
Geology
Hydrology
Remediation
Water Supply

Data Usability Summary Report
for Con-Test Analytical Laboratory
Work Order No: 19F0630

16 Soil Samples and 1 Field Duplicate
Collected June 10-12, 2019

Prepared by: Donald Anné
October 9, 2019

The data package contained the documentation as required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contained the results of volatile and semi-volatile analyses for 16 soil samples and 1 field duplicate; PCB analyses for 6 soil samples and 1 field duplicate; and metal analyses for 14 soil samples and 1 field duplicate.

The overall performances of the analyses are acceptable. Con-Test Analytical Laboratory did fulfill the requirements of the analytical methods.

The data are mostly acceptable with some issues that are identified in the accompanying data validation reviews. The following data were qualified:

- The "not detected" semi-volatile results for benzoic acid were qualified as "estimated" (UJ) in all 16 soil samples and the field duplicate because 2 of 2 percent recoveries for benzoic acid below control limits, but not below 10% in the soil LCS/LCSD.

- The positive metal results for arsenic, barium, cadmium, chromium, and lead were qualified as "estimated" (J) in samples SB-5 (0-2) and SB-Dup because the relative percent differences for arsenic, barium, cadmium, chromium, and lead were above the allowable maximum in soil field duplicate pair SB-5 (0-2)/SB-Dup.

All data are considered usable with estimated (J or UJ) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation reviews.

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www.alphageoscience.com

ALPHA
GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8260C Volatiles Data for
Con-Test Analytical Laboratory, Work Order No: 19F0630

16 Soil Samples and 1 Field Duplicate
Collected June 10-12, 2019

Prepared by: Donald Anné
October 9, 2019

Holding Times: Samples were analyzed within USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The BFB tuning criteria were within control limits.

Initial Calibration: The average RRFs for bromodichloromethane, tetrachloroethylene, and trichloroethylene were below the method minimums, but not below 0.010 for GCMSVOA4 on 06-03-19. No action is taken on fewer than 20% of the compounds with method criteria outside control limits per calibration, provided no RRF is less than 0.010.

The average RRFs for target compounds were below the allowable minimum (0.001 for 1,4-dioxane, 0.010 for all other compounds) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The %Ds for applicable compounds were below the method maximum, as required. The RRFs for bromodichloromethane, tetrachloroethylene, and trichloroethylene were below the method minimums, but not below 0.010 on 06-13-19 (S037092-CCV1). The RRFs for bromodichloromethane, tetrachloroethylene, and trichloroethylene were below the method minimums, but not below 0.010 on 06-13-19 (S037093-CCV1). No action is taken on fewer than 20% of the compounds with method criteria outside control limits per calibration, provided no RRF is less than 0.010.

The RRFs for target compounds were above the allowable minimum (0.0005 for 1,4-dioxane, 0.010 for all other compounds) and the %Ds were below the allowable maximum (25%), as required.

Blanks: The analyses of the method blanks reported target compounds as not detected.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

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www.alphageoscience.com

Surrogate Recovery: The surrogate recoveries were within control limits for the soil samples.

Laboratory Control Sample: The relative percent differences (RPDs) for target compounds were below the allowable maximum and the percent recoveries (%Rs) were within QC limits for soil samples B233215-BS1 and B233215-BSD1.

The RPDs for target compounds were below the allowable maximum, but 1 of 2 %Rs for tert-butyl alcohol (TBA) was above QC limits for soil samples B233252-BS1 and B233252-BSD1. Positive results for TBA should be considered estimated, biased high (J+) in associated soil samples.

Field Duplicate: The analyses of soil field duplicate pair SB-5 (0-2)/SB-Dup reported target compounds as either not detected or below the lowest standard; therefore, valid relative percent differences could not be calculated. The analyses for the field duplicate pair were acceptable.

Compound ID: Checked compounds were within GC/MS quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	19F0630
Client:	Weston & Sampson - Waterbury, VT	Project:	Kingston Brownfields
Matrix:	Soil	Preparation:	SW-846 5035
Batch:	B233252	Laboratory ID:	B233252-BS1
Column:		Initial/Final:	5 g / 10 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCS CONCENTRATION (mg/Kg wet)	LCS % REC.	QC LIMITS REC.
Acetone	0.200	0.225	113	70 - 160
Acrylonitrile	0.0200	0.0196	97.9	70 - 130
tert-Amyl Methyl Ether (TAME)	0.0200	0.0207	104	70 - 130
Benzene	0.0200	0.0185	92.5	70 - 130
Bromobenzene	0.0200	0.0181	90.4	70 - 130
Bromochloromethane	0.0200	0.0203	101	70 - 130
Bromodichloromethane	0.0200	0.0213	106	70 - 130
Bromoform	0.0200	0.0187	93.4	70 - 130
Bromomethane	0.0200	0.0142	71.1	40 - 130
2-Butanone (MEK)	0.200	0.207	104	70 - 160
tert-Butyl Alcohol (TBA)	0.200	0.230	115	40 - 130
n-Butylbenzene	0.0200	0.0182	90.8	70 - 130
sec-Butylbenzene	0.0200	0.0195	97.7	70 - 130
tert-Butylbenzene	0.0200	0.0186	93.0	70 - 160
tert-Butyl Ethyl Ether (TBEE)	0.0200	0.0187	93.4	70 - 130
Carbon Disulfide	0.0200	0.0189	94.5	70 - 130
Carbon Tetrachloride	0.0200	0.0193	96.7	70 - 130
Chlorobenzene	0.0200	0.0187	93.3	70 - 130
Chlorodibromomethane	0.0200	0.0196	98.2	70 - 130
Chloroethane	0.0200	0.0184	91.8	70 - 130
Chloroform	0.0200	0.0187	93.3	70 - 130
Chloromethane	0.0200	0.0154	77.0	70 - 130
2-Chlorotoluene	0.0200	0.0195	97.7	70 - 130
4-Chlorotoluene	0.0200	0.0186	93.1	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	0.0200	0.0190	95.1	70 - 130
1,2-Dibromoethane (EDB)	0.0200	0.0206	103	70 - 130
Dibromomethane	0.0200	0.0188	93.8	70 - 130
1,2-Dichlorobenzene	0.0200	0.0191	95.7	70 - 130
1,3-Dichlorobenzene	0.0200	0.0194	96.8	70 - 130
1,4-Dichlorobenzene	0.0200	0.0186	93.0	70 - 130
trans-1,4-Dichloro-2-butene	0.0200	0.0198	99.2	70 - 130
Dichlorodifluoromethane (Freon 12)	0.0200	0.0145	72.5	40 - 160
1,1-Dichloroethane	0.0200	0.0198	98.9	70 - 130
1,2-Dichloroethane	0.0200	0.0192	96.1	70 - 130
1,1-Dichloroethylene	0.0200	0.0184	92.0	70 - 130
cis-1,2-Dichloroethylene	0.0200	0.0199	99.7	70 - 130
trans-1,2-Dichloroethylene	0.0200	0.0188	94.1	70 - 130

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	19F0630
Client:	Weston & Sampson - Waterbury, VT	Project:	Kingston Brownfields
Matrix:	Soil	Preparation:	SW-846 5035
Batch:	B233252	Laboratory ID:	B233252-BS1
Column:		Initial/Final:	5 g / 10 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCS CONCENTRATION (mg/Kg wet)	LCS % REC.	QC LIMITS REC.
1,2-Dichloropropane	0.0200	0.0200	99.8	70 - 130
1,3-Dichloropropane	0.0200	0.0187	93.7	70 - 130
2,2-Dichloropropane	0.0200	0.0177	88.7	70 - 130
1,1-Dichloropropene	0.0200	0.0181	90.5	70 - 130
cis-1,3-Dichloropropene	0.0200	0.0207	104	70 - 130
trans-1,3-Dichloropropene	0.0200	0.0192	96.1	70 - 130
Diethyl Ether	0.0200	0.0200	100	70 - 130
Diisopropyl Ether (DIPE)	0.0200	0.0197	98.4	70 - 130
1,4-Dioxane	0.200	0.204	102	40 - 160
Ethylbenzene	0.0200	0.0188	94.0	70 - 130
Hexachlorobutadiene	0.0200	0.0194	97.1	70 - 160
2-Hexanone (MBK)	0.200	0.201	100	70 - 160
Isopropylbenzene (Cumene)	0.0200	0.0178	89.0	70 - 130
p-Isopropyltoluene (p-Cymene)	0.0200	0.0184	92.1	70 - 130
Methyl Acetate	0.0200	0.0208	104	70 - 130
Methyl tert-Butyl Ether (MTBE)	0.0200	0.0202	101	70 - 130
Methyl Cyclohexane	0.0200	0.0194	97.0	70 - 130
Methylene Chloride	0.0200	0.0191	95.5	40 - 160
4-Methyl-2-pentanone (MIBK)	0.200	0.204	102	70 - 160
Naphthalene	0.0200	0.0173	86.5	40 - 130
n-Propylbenzene	0.0200	0.0190	94.8	70 - 130
Styrene	0.0200	0.0193	96.5	70 - 130
1,1,1,2-Tetrachloroethane	0.0200	0.0207	104	70 - 130
1,1,2,2-Tetrachloroethane	0.0200	0.0202	101	70 - 130
Tetrachloroethylene	0.0200	0.0206	103	70 - 130
Tetrahydrofuran	0.0200	0.0180	89.9	70 - 130
Toluene	0.0200	0.0183	91.5	70 - 130
1,2,3-Trichlorobenzene	0.0200	0.0188	94.1	70 - 130
1,2,4-Trichlorobenzene	0.0200	0.0183	91.3	70 - 130
1,3,5-Trichlorobenzene	0.0200	0.0188	93.9	70 - 130
1,1,1-Trichloroethane	0.0200	0.0186	92.8	70 - 130
1,1,2-Trichloroethane	0.0200	0.0202	101	70 - 130
Trichloroethylene	0.0200	0.0192	95.8	70 - 130
Trichlorofluoromethane (Freon 11)	0.0200	0.0168	84.0	70 - 130
1,2,3-Trichloropropane	0.0200	0.0192	96.1	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0200	0.0204	102	70 - 130

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	19F0630
Client:	Weston & Sampson - Waterbury, VT	Project:	Kingston Brownfields
Matrix:	Soil	Preparation:	SW-846 5035
Batch:	B233252	Laboratory ID:	B233252-BS1
Column:		Initial/Final:	5 g / 10 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCS CONCENTRATION (mg/Kg wet)	LCS % REC.	QC LIMITS REC.
1,2,4-Trimethylbenzene	0.0200	0.0183	91.7	70 - 130
1,3,5-Trimethylbenzene	0.0200	0.0185	92.6	70 - 130
Vinyl Chloride	0.0200	0.0151	75.4	40 - 130
m+p Xylene	0.0400	0.0374	93.5	70 - 130
o-Xylene	0.0200	0.0186	92.8	70 - 130

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCSD CONCENTRATION (mg/Kg wet)	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
Acetone	0.200	0.203	102		10.4	25	70 - 160
Acrylonitrile	0.0200	0.0188	94.0		4.06	25	70 - 130
tert-Amyl Methyl Ether (TAME)	0.0200	0.0201	100		3.14	25	70 - 130
Benzene	0.0200	0.0185	92.3		0.216	25	70 - 130
Bromobenzene	0.0200	0.0184	92.0		1.75	25	70 - 130
Bromochloromethane	0.0200	0.0194	97.0		4.44	25	70 - 130
Bromodichloromethane	0.0200	0.0208	104		2.19	25	70 - 130
Bromoform	0.0200	0.0174	87.2		6.87	25	70 - 130
Bromomethane	0.0200	0.0145	72.5		1.95	25	40 - 130
2-Butanone (MEK)	0.200	0.199	99.5		3.99	25	70 - 160
tert-Butyl Alcohol (TBA)	0.200	0.265	133	*	14.1	25	40 - 130
n-Butylbenzene	0.0200	0.0172	85.9		5.55	25	70 - 130
sec-Butylbenzene	0.0200	0.0190	94.9		2.91	25	70 - 130
tert-Butylbenzene	0.0200	0.0179	89.4		3.95	25	70 - 160
tert-Butyl Ethyl Ether (TBEE)	0.0200	0.0182	90.9		2.71	25	70 - 130
Carbon Disulfide	0.0200	0.0182	91.0		3.77	25	70 - 130
Carbon Tetrachloride	0.0200	0.0180	90.0		7.18	25	70 - 130
Chlorobenzene	0.0200	0.0181	90.5		3.05	25	70 - 130
Chlorodibromomethane	0.0200	0.0193	96.4		1.85	25	70 - 130
Chloroethane	0.0200	0.0169	84.7		8.05	25	70 - 130
Chloroform	0.0200	0.0175	87.4		6.53	25	70 - 130
Chloromethane	0.0200	0.0142	70.8		8.39	25	70 - 130
2-Chlorotoluene	0.0200	0.0182	91.0		7.10	25	70 - 130
4-Chlorotoluene	0.0200	0.0183	91.5		1.73	25	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	0.0200	0.0187	93.7		1.48	25	70 - 130
1,2-Dibromoethane (EDB)	0.0200	0.0202	101		1.76	25	70 - 130
Dibromomethane	0.0200	0.0191	95.7		2.01	25	70 - 130

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	19F0630
Client:	Weston & Sampson - Waterbury, VT	Project:	Kingston Brownfields
Matrix:	Soil	Preparation:	SW-846 5035
Batch:	B233252	Laboratory ID:	B233252-BSD1
Column:		Initial/Final:	5 g / 10 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCSD CONCENTRATION (mg/Kg wet)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,2-Dichlorobenzene	0.0200	0.0176	88.1	8.27	25	70 - 130
1,3-Dichlorobenzene	0.0200	0.0182	91.2	5.96	25	70 - 130
1,4-Dichlorobenzene	0.0200	0.0175	87.3	6.32	25	70 - 130
trans-1,4-Dichloro-2-butene	0.0200	0.0179	89.5	10.3	25	70 - 130
Dichlorodifluoromethane (Freon 12)	0.0200	0.0141	70.7	2.51	25	40 - 160
1,1-Dichloroethane	0.0200	0.0190	95.0	4.02	25	70 - 130
1,2-Dichloroethane	0.0200	0.0183	91.5	4.90	25	70 - 130
1,1-Dichloroethylene	0.0200	0.0174	86.8	5.82	25	70 - 130
cis-1,2-Dichloroethylene	0.0200	0.0187	93.5	6.42	25	70 - 130
trans-1,2-Dichloroethylene	0.0200	0.0181	90.7	3.68	25	70 - 130
1,2-Dichloropropane	0.0200	0.0183	91.6	8.57	25	70 - 130
1,3-Dichloropropane	0.0200	0.0185	92.6	1.18	25	70 - 130
2,2-Dichloropropane	0.0200	0.0172	86.1	2.97	25	70 - 130
1,1-Dichloropropene	0.0200	0.0183	91.5	1.10	25	70 - 130
cis-1,3-Dichloropropene	0.0200	0.0197	98.6	5.04	25	70 - 130
trans-1,3-Dichloropropene	0.0200	0.0180	90.2	6.33	25	70 - 130
Diethyl Ether	0.0200	0.0200	99.8	0.200	25	70 - 130
Diisopropyl Ether (DIPE)	0.0200	0.0191	95.5	2.99	25	70 - 130
1,4-Dioxane	0.200	0.190	94.8	7.40	50	40 - 160
Ethylbenzene	0.0200	0.0179	89.6	4.79	25	70 - 130
Hexachlorobutadiene	0.0200	0.0192	96.1	1.04	25	70 - 160
2-Hexanone (MBK)	0.200	0.201	101	0.229	25	70 - 160
Isopropylbenzene (Cumene)	0.0200	0.0177	88.4	0.676	25	70 - 130
p-Isopropyltoluene (p-Cymene)	0.0200	0.0174	87.1	5.58	25	70 - 130
Methyl Acetate	0.0200	0.0213	106	2.00	25	70 - 130
Methyl tert-Butyl Ether (MTBE)	0.0200	0.0200	100	0.697	25	70 - 130
Methyl Cyclohexane	0.0200	0.0189	94.7	2.40	25	70 - 130
Methylene Chloride	0.0200	0.0184	92.2	3.52	25	40 - 160
4-Methyl-2-pentanone (MIBK)	0.200	0.203	101	0.493	25	70 - 160
Naphthalene	0.0200	0.0164	82.2	5.10	25	40 - 130
n-Propylbenzene	0.0200	0.0182	91.0	4.09	25	70 - 130
Styrene	0.0200	0.0181	90.4	6.53	25	70 - 130
1,1,1,2-Tetrachloroethane	0.0200	0.0202	101	2.35	25	70 - 130
1,1,2,2-Tetrachloroethane	0.0200	0.0212	106	4.93	25	70 - 130
Tetrachloroethylene	0.0200	0.0205	102	0.487	25	70 - 130
Tetrahydrofuran	0.0200	0.0205	102	13.0	25	70 - 130

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	19F0630
Client:	Weston & Sampson - Waterbury, VT	Project:	Kingston Brownfields
Matrix:	Soil	Preparation:	SW-846 5035
Batch:	B233252	Laboratory ID:	B233252-BSD1
Column:		Initial/Final:	5 g / 10 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCSD CONCENTRATION (mg/Kg wet)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Toluene	0.0200	0.0172	86.1	6.08	25	70 - 130
1,2,3-Trichlorobenzene	0.0200	0.0183	91.4	2.91	25	70 - 130
1,2,4-Trichlorobenzene	0.0200	0.0170	84.8	7.38	25	70 - 130
1,3,5-Trichlorobenzene	0.0200	0.0182	91.1	3.03	25	70 - 130
1,1,1-Trichloroethane	0.0200	0.0173	86.3	7.26	25	70 - 130
1,1,2-Trichloroethane	0.0200	0.0184	91.8	9.35	25	70 - 130
Trichloroethylene	0.0200	0.0189	94.7	1.15	25	70 - 130
Trichlorofluoromethane (Freon 11)	0.0200	0.0157	78.3	7.02	25	70 - 130
1,2,3-Trichloropropane	0.0200	0.0190	94.9	1.26	25	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0200	0.0188	93.9	8.17	25	70 - 130
1,2,4-Trimethylbenzene	0.0200	0.0175	87.4	4.80	25	70 - 130
1,3,5-Trimethylbenzene	0.0200	0.0182	91.1	1.63	25	70 - 130
Vinyl Chloride	0.0200	0.0148	74.2	1.60	25	40 - 130
m+p Xylene	0.0400	0.0363	90.7	3.10	25	70 - 130
o-Xylene	0.0200	0.0179	89.7	3.40	25	70 - 130

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	19F0630
Client:	Weston & Sampson - Waterbury, VT	Project:	Kingston Brownfields
Calibration:	1900195	Instrument:	GCMSVOA4
		Calibration Date:	6/3/2019 6:37:02AM

COMPOUND	Mean RF	RF RSD	Linear r^2	Quad COD	LIMIT	Q
Acetone	0.1323334	4.9			15	
Acrylonitrile	0.1827163	8.1			15	
tert-Amyl Methyl Ether (TAME)	0.6020929	10.8			15	
Benzene	1.016513	7.5			15	
Bromobenzene	0.6797344	6.0			15	
Bromochloromethane	0.1491653	6.5			15	
Bromodichloromethane	0.1607757	13.8			15	
Bromoform	0.2842803	10.5			15	
Bromomethane	0.2646063	65.1				
2-Butanone (MEK)	0.2505012	9.2			15	
tert-Butyl Alcohol (TBA)	5.389341E-02	10.7			15	
n-Butylbenzene	1.498723	9.8			15	
sec-Butylbenzene	0.3753634	13.6			15	
tert-Butylbenzene	1.279774	6.4			15	
tert-Butyl Ethyl Ether (TBEE)	0.9715114	7.0			15	
Carbon Disulfide	0.5850267	5.6			15	
Carbon Tetrachloride	0.3674599	11.3			15	
Chlorobenzene	1.129254	3.6			15	
Chlorodibromomethane	0.1469712	9.8			15	
Chloroethane	0.1633779	13.0			15	
Chloroform	0.479242	8.0			15	
Chloromethane	0.6473569	11.6			15	
2-Chlorotoluene	1.266486	8.1			15	
4-Chlorotoluene	1.490309	6.8			15	
Cyclohexane	0.907092	59.6				
1,2-Dibromo-3-chloropropane (DBCP)	8.602283E-02	10.2			15	
1,2-Dibromoethane (EDB)	0.1271825	5.8			15	
Dibromomethane	8.579724E-02	9.8			15	
1,2-Dichlorobenzene	0.8696371	7.7			15	
1,3-Dichlorobenzene	0.8855599	5.5			15	
1,4-Dichlorobenzene	0.9441266	6.0			15	

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	19F0630
Client:	Weston & Sampson - Waterbury, VT	Project:	Kingston Brownfields
Calibration:	1900195	Instrument:	GCMSVOA4
		Calibration Date:	6/3/2019 6:37:02AM

COMPOUND	Mean RF	RF RSD	Linear r^2	Quad COD	LIMIT	Q
trans-1,4-Dichloro-2-butene	0.228071	11.1			15	
Dichlorodifluoromethane (Freon 12)	0.2966425	8.9			15	
1,1-Dichloroethane	0.5196352	7.8			15	
1,2-Dichloroethane	0.2849078	6.1			15	
1,1-Dichloroethylene	0.4249356	10.2			15	
cis-1,2-Dichloroethylene	0.5271954	7.0			15	
trans-1,2-Dichloroethylene	0.4656926	9.1			15	
1,2-Dichloropropane	0.1591117	6.6			15	
1,3-Dichloropropane	0.1972388	11.5			15	
2,2-Dichloropropane	0.4089595	7.7			15	
1,1-Dichloropropene	0.1097013	7.1			15	
cis-1,3-Dichloropropene	0.1953963	12.6			15	
trans-1,3-Dichloropropene	0.182882	9.1			15	
Diethyl Ether	0.1162305	10.3			15	
Diisopropyl Ether (DIPE)	1.564535	6.6			15	
1,4-Dioxane	1.687871E-03	29.8				
Ethanol	8.937206E-03	21.6				
Ethylbenzene	1.830223	7.0			15	
Hexachlorobutadiene	0.2996889	6.7			15	
2-Hexanone (MBK)	0.1875641	6.2			15	
Iodomethane	0.3237621	10.9			15	
Isopropylbenzene (Cumene)	0.4793733	11.8			15	
p-Isopropyltoluene (p-Cymene)	1.635366	6.0			15	
Methyl Acetate	0.459939	6.6			15	
Methyl tert-Butyl Ether (MTBE)	0.6663357	2.6			15	
Methyl Cyclohexane	0.2274408	6.4			15	
Methylene Chloride	0.6275776	8.4			15	
4-Methyl-2-pentanone (MIBK)	0.2626805	5.7			15	
Naphthalene	1.12205	28.0	0.999		0.99	
n-Propylbenzene	2.160499	6.5			15	
Styrene	1.187896	8.0			15	

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	19F0630
Client:	Weston & Sampson - Waterbury, VT	Project:	Kingston Brownfields
Calibration:	1900195	Instrument:	GCMSVOA4
		Calibration Date:	6/3/2019 6:37:02AM

COMPOUND	Mean RF	RF RSD	Linear r^2	Quad COD	LIMIT	Q
1,1,1,2-Tetrachloroethane	0.3827312	11.3			15	
1,1,2,2-Tetrachloroethane	0.4839699	6.0			15	
Tetrachloroethylene	0.1491042	11.8			15	
Tetrahydrofuran	3.974057E-02	9.1			15	
Toluene	0.5932424	11.6			15	
1,2,3-Trichlorobenzene	0.4740036	13.4			15	
1,2,4-Trichlorobenzene	0.5480734	11.1			15	
1,3,5-Trichlorobenzene	0.5963089	11.2			15	
1,1,1-Trichloroethane	0.420453	6.5			15	
1,1,2-Trichloroethane	0.1017094	5.5			15	
Trichloroethylene	0.1815761	11.7			15	
Trichlorofluoromethane (Freon 11)	0.3755337	8.2			15	
1,2,3-Trichloropropane	0.152503	5.4			15	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	0.2071194	6.4			15	
1,2,4-Trimethylbenzene	1.509402	6.0			15	
1,3,5-Trimethylbenzene	1.542252	6.2			15	
Vinyl Acetate	1.155388	5.5			15	
Vinyl Chloride	0.3506729	5.9			15	
m+p Xylene	1.430983	8.0			15	
o-Xylene	1.479893	9.7			15	
1,2-Dichloroethane-d4	0.5093199	1.7			15	
Toluene-d8	0.8222333	0.5			15	
4-Bromofluorobenzene	0.9207177	1.2			15	

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	19F0630
Client:	Weston & Sampson - Waterbury, VT	Project:	Kingston Brownfields
Instrument ID:	GCMSVOA4	Calibration:	1900195
Lab File ID:	D19164004.D	Calibration Date:	06/03/19 06:37
Sequence:	S037092	Injection Date:	06/13/19
Lab Sample ID:	S037092-CCV1	Injection Time:	05:22

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Acetone	A	100	97.6	0.1323334	0.129199		-2.4	20
Acrylonitrile	A	10.0	9.70	0.1827163	0.1772766		-3.0	20
tert-Amyl Methyl Ether (TAME)	A	10.0	10.4	0.6020929	0.6230335		3.5	20
Benzene	A	10.0	9.78	1.016513	0.9936971		-2.2	20
Bromobenzene	A	10.0	9.53	0.6797344	0.6480071		-4.7	20
Bromochloromethane	A	10.0	10.4	0.1491653	0.1548255		3.8	20
Bromodichloromethane	A	10.0	10.5	0.1607757	0.1683358		4.7	20
Bromoform	A	10.0	9.83	0.2842803	0.2793696		-1.7	20
Bromomethane	A	10.0	10.9	0.2646063	0.1831888		9.4	20
2-Butanone (MEK)	A	100	100	0.2505012	0.2506694		0.07	20
tert-Butyl Alcohol (TBA)	A	100	110	5.389341E-02	5.920608E-02		9.9	20
n-Butylbenzene	A	10.0	9.55	1.498723	1.43107		-4.5	20
sec-Butylbenzene	A	10.0	10.4	0.3753634	0.3894439		3.8	20
tert-Butylbenzene	A	10.0	9.58	1.279774	1.225859		-4.2	20
tert-Butyl Ethyl Ether (TBEE)	A	10.0	10.3	0.9715114	0.9981217		2.7	20
Carbon Disulfide	A	100	97.3	0.5850267	0.5694912		-2.7	20
Carbon Tetrachloride	A	10.0	9.80	0.3674599	0.3599612		-2.0	20
Chlorobenzene	A	10.0	9.67	1.129254	1.092487		-3.3	20
Chlorodibromomethane	A	10.0	10.4	0.1469712	0.1532404		4.3	20
Chloroethane	A	10.0	9.16	0.1633779	0.1497328		-8.4	20
Chloroform	A	10.0	9.42	0.479242	0.4512782		-5.8	20
Chloromethane	A	10.0	9.68	0.6473569	0.6268152		-3.2	20
2-Chlorotoluene	A	10.0	9.62	1.266486	1.218868		-3.8	20
4-Chlorotoluene	A	10.0	9.83	1.490309	1.465399		-1.7	20
1,2-Dibromo-3-chloropropane (DBCP)	A	10.0	10.0	8.602283E-02	8.607739E-02		0.06	20
1,2-Dibromoethane (EDB)	A	10.0	10.9	0.1271825	0.1387079		9.1	20
Dibromomethane	A	10.0	10.4	8.579724E-02	8.955043E-02		4.4	20
1,2-Dichlorobenzene	A	10.0	9.56	0.8696371	0.8315482		-4.4	20
1,3-Dichlorobenzene	A	10.0	9.91	0.8855599	0.8774712		-0.9	20

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	19F0630
Client:	Weston & Sampson - Waterbury, VT	Project:	Kingston Brownfields
Instrument ID:	GCMSVOA4	Calibration:	1900195
Lab File ID:	D19164004.D	Calibration Date:	06/03/19 06:37
Sequence:	S037092	Injection Date:	06/13/19
Lab Sample ID:	S037092-CCV1	Injection Time:	05:22

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,4-Dichlorobenzene	A	10.0	9.40	0.9441266	0.887814		-6.0	20
trans-1,4-Dichloro-2-butene	A	10.0	9.58	0.228071	0.2185941		-4.2	20
Dichlorodifluoromethane (Freon 12)	A	10.0	9.05	0.2966425	0.2683542		-9.5	20
1,1-Dichloroethane	A	10.0	10.1	0.5196352	0.5230184		0.7	20
1,2-Dichloroethane	A	10.0	9.69	0.2849078	0.2761254		-3.1	20
1,1-Dichloroethylene	A	10.0	9.15	0.4249356	0.3889421		-8.5	20
cis-1,2-Dichloroethylene	A	10.0	9.94	0.5271954	0.5239764		-0.6	20
trans-1,2-Dichloroethylene	A	10.0	9.61	0.4656926	0.4477234		-3.9	20
1,2-Dichloropropane	A	10.0	10.0	0.1591117	0.1591036		-0.005	20
1,3-Dichloropropane	A	10.0	10.2	0.1972388	0.2013412		2.1	20
2,2-Dichloropropane	A	10.0	9.21	0.4089595	0.376664		-7.9	20
1,1-Dichloropropene	A	10.0	9.46	0.1097013	0.1038095		-5.4	20
cis-1,3-Dichloropropene	A	10.0	11.4	0.1953963	0.223036		14.1	20
trans-1,3-Dichloropropene	A	10.0	10.8	0.182882	0.1968031		7.6	20
Diethyl Ether	A	10.0	8.98	0.1162305	0.1044146		-10.2	20
Diisopropyl Ether (DIPE)	A	10.0	9.81	1.564535	1.534981		-1.9	20
1,4-Dioxane	A	100	104	1.687871E-03	1.77975E-03		4.2	20
Ethylbenzene	A	10.0	9.67	1.830223	1.769784		-3.3	20
Hexachlorobutadiene	A	10.0	10.0	0.2996889	0.3005723		0.3	20
2-Hexanone (MBK)	A	100	105	0.1875641	0.1966948		4.9	20
Isopropylbenzene (Cumene)	A	10.0	9.72	0.4793733	0.4658495		-2.8	20
p-Isopropyltoluene (p-Cymene)	A	10.0	9.93	1.635366	1.623821		-0.7	20
Methyl Acetate	A	10.0	10.2	0.459939	0.4711199		2.4	20
Methyl tert-Butyl Ether (MTBE)	A	10.0	10.2	0.6663357	0.6788271		1.9	20
Methyl Cyclohexane	A	10.0	9.68	0.2274408	0.2201174		-3.2	20
Methylene Chloride	A	10.0	9.93	0.6275776	0.6233991		-0.7	20
4-Methyl-2-pentanone (MIBK)	A	100	104	0.2626805	0.2722298		3.6	20
Naphthalene	L	10.0	9.27	1.12205	1.243773		-7.3	20
n-Propylbenzene	A	10.0	9.68	2.160499	2.091988		-3.2	20

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	19F0630
Client:	Weston & Sampson - Waterbury, VT	Project:	Kingston Brownfields
Instrument ID:	GCMSVOA4	Calibration:	1900195
Lab File ID:	D19164004.D	Calibration Date:	06/03/19 06:37
Sequence:	S037092	Injection Date:	06/13/19
Lab Sample ID:	S037092-CCV1	Injection Time:	05:22

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Styrene	A	10.0	10.2	1.187896	1.205491		1.5	20
1,1,1,2-Tetrachloroethane	A	10.0	10.4	0.3827312	0.3982164		4.0	20
1,1,2,2-Tetrachloroethane	A	10.0	10.4	0.4839699	0.5017063		3.7	20
Tetrachloroethylene	A	10.0	10.4	0.1491042	0.1556567		4.4	20
Tetrahydrofuran	A	10.0	10.4	3.974057E-02	4.123386E-02		3.8	20
Toluene	A	10.0	9.54	0.5932424	0.5658219		-4.6	20
1,2,3-Trichlorobenzene	A	10.0	10.3	0.4740036	0.487847		2.9	20
1,2,4-Trichlorobenzene	A	10.0	9.97	0.5480734	0.5463211		-0.3	20
1,3,5-Trichlorobenzene	A	10.0	10.2	0.5963089	0.6100003		2.3	20
1,1,1-Trichloroethane	A	10.0	9.43	0.420453	0.396367		-5.7	20
1,1,2-Trichloroethane	A	10.0	9.93	0.1017094	0.1010344		-0.7	20
Trichloroethylene	A	10.0	10.1	0.1815761	0.184176		1.4	20
Trichlorofluoromethane (Freon 11)	A	10.0	9.77	0.3755337	0.3670709		-2.3	20
1,2,3-Trichloropropane	A	10.0	9.98	0.152503	0.1522166		-0.2	20
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	9.41	0.2071194	0.1948997		-5.9	20
1,2,4-Trimethylbenzene	A	10.0	9.95	1.509402	1.501194		-0.5	20
1,3,5-Trimethylbenzene	A	10.0	9.83	1.542252	1.516009		-1.7	20
Vinyl Chloride	A	10.0	9.22	0.3506729	0.3231646		-7.8	20
m+p Xylene	A	20.0	19.8	1.430983	1.420415		-0.7	20
o-Xylene	A	10.0	9.58	1.479893	1.418145		-4.2	20
1,2-Dichloroethane-d4	A	25.0	23.9	0.5093199	0.4875908		-4.3	
Toluene-d8	A	25.0	25.1	0.8222333	0.8249032		0.3	
4-Bromofluorobenzene	A	25.0	25.4	0.9207177	0.9369434		1.8	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	19F0630
Client:	Weston & Sampson - Waterbury, VT	Project:	Kingston Brownfields
Instrument ID:	GCMSVOA4	Calibration:	1900195
Lab File ID:	D19164034.D	Calibration Date:	06/03/19 06:37
Sequence:	S037093	Injection Date:	06/13/19
Lab Sample ID:	S037093-CCV1	Injection Time:	19:00

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Acetone	A	100	95.1	0.1323334	0.1258151		-4.9	20
Acrylonitrile	A	10.0	9.52	0.1827163	0.1739593		-4.8	20
tert-Amyl Methyl Ether (TAME)	A	10.0	10.1	0.6020929	0.6066941		0.8	20
Benzene	A	10.0	9.15	1.016513	0.9296117		-8.5	20
Bromobenzene	A	10.0	9.41	0.6797344	0.6398628		-5.9	20
Bromochloromethane	A	10.0	9.93	0.1491653	0.1481323		-0.7	20
Bromodichloromethane	A	10.0	10.5	0.1607757	0.1688132		5.0	20
Bromoform	A	10.0	9.22	0.2842803	0.2621377		-7.8	20
Bromomethane	A	10.0	10.1	0.2646063	0.1718389		1.3	20
2-Butanone (MEK)	A	100	97.1	0.2505012	0.2433224		-2.9	20
tert-Butyl Alcohol (TBA)	A	100	121	5.389341E-02	6.496445E-02		20.5	20 *
n-Butylbenzene	A	10.0	8.85	1.498723	1.326568		-11.5	20
sec-Butylbenzene	A	10.0	8.95	0.3753634	0.3359157		-10.5	20
tert-Butylbenzene	A	10.0	8.97	1.279774	1.147674		-10.3	20
tert-Butyl Ethyl Ether (TBEE)	A	10.0	9.61	0.9715114	0.9339264		-3.9	20
Carbon Disulfide	A	100	92.2	0.5850267	0.5394107		-7.8	20
Carbon Tetrachloride	A	10.0	9.62	0.3674599	0.3533183		-3.8	20
Chlorobenzene	A	10.0	9.18	1.129254	1.03612		-8.2	20
Chlorodibromomethane	A	10.0	9.85	0.1469712	0.1448239		-1.5	20
Chloroethane	A	10.0	8.80	0.1633779	0.1437313		-12.0	20
Chloroform	A	10.0	9.11	0.479242	0.436618		-8.9	20
Chloromethane	A	10.0	9.00	0.6473569	0.5826916		-10.0	20
2-Chlorotoluene	A	10.0	8.96	1.266486	1.134649		-10.4	20
4-Chlorotoluene	A	10.0	8.95	1.490309	1.333272		-10.5	20
1,2-Dibromo-3-chloropropane (DBCP)	A	10.0	9.19	8.602283E-02	7.904283E-02		-8.1	20
1,2-Dibromoethane (EDB)	A	10.0	10.9	0.1271825	0.1383969		8.8	20
Dibromomethane	A	10.0	9.65	8.579724E-02	8.281228E-02		-3.5	20
1,2-Dichlorobenzene	A	10.0	9.12	0.8696371	0.7934475		-8.8	20
1,3-Dichlorobenzene	A	10.0	8.75	0.8855599	0.774724		-12.5	20

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	19F0630
Client:	Weston & Sampson - Waterbury, VT	Project:	Kingston Brownfields
Instrument ID:	GCMSVOA4	Calibration:	1900195
Lab File ID:	D19164034.D	Calibration Date:	06/03/19 06:37
Sequence:	S037093	Injection Date:	06/13/19
Lab Sample ID:	S037093-CCV1	Injection Time:	19:00

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,4-Dichlorobenzene	A	10.0	8.84	0.9441266	0.8348043		-11.6	20
trans-1,4-Dichloro-2-butene	A	10.0	8.88	0.228071	0.2024678		-11.2	20
Dichlorodifluoromethane (Freon 12)	A	10.0	8.46	0.2966425	0.2508486		-15.4	20
1,1-Dichloroethane	A	10.0	9.98	0.5196352	0.5186357		-0.2	20
1,2-Dichloroethane	A	10.0	9.66	0.2849078	0.2752244		-3.4	20
1,1-Dichloroethylene	A	10.0	8.98	0.4249356	0.3815985		-10.2	20
cis-1,2-Dichloroethylene	A	10.0	9.61	0.5271954	0.506616		-3.9	20
trans-1,2-Dichloroethylene	A	10.0	9.12	0.4656926	0.4246846		-8.8	20
1,2-Dichloropropane	A	10.0	9.91	0.1591117	0.1576198		-0.9	20
1,3-Dichloropropane	A	10.0	9.98	0.1972388	0.1967549		-0.2	20
2,2-Dichloropropane	A	10.0	8.54	0.4089595	0.349324		-14.6	20
1,1-Dichloropropene	A	10.0	9.46	0.1097013	0.1038258		-5.4	20
cis-1,3-Dichloropropene	A	10.0	10.2	0.1953963	0.1988475		1.8	20
trans-1,3-Dichloropropene	A	10.0	9.24	0.182882	0.168946		-7.6	20
Diethyl Ether	A	10.0	10.1	0.1162305	0.1172632		0.9	20
Diisopropyl Ether (DIPE)	A	10.0	9.59	1.564535	1.500234		-4.1	20
1,4-Dioxane	A	100	106	1.687871E-03	1.824311E-03		6.3	20
Ethylbenzene	A	10.0	9.10	1.830223	1.664794		-9.0	20
Hexachlorobutadiene	A	10.0	9.36	0.2996889	0.280614		-6.4	20
2-Hexanone (MBK)	A	100	98.1	0.1875641	0.1839781		-1.9	20
Isopropylbenzene (Cumene)	A	10.0	9.35	0.4793733	0.4480076		-6.5	20
p-Isopropyltoluene (p-Cymene)	A	10.0	9.00	1.635366	1.472295		-10.0	20
Methyl Acetate	A	10.0	10.2	0.459939	0.4690651		2.0	20
Methyl tert-Butyl Ether (MTBE)	A	10.0	9.69	0.6663357	0.6460078		-3.1	20
Methyl Cyclohexane	A	10.0	9.41	0.2274408	0.2139684		-5.9	20
Methylene Chloride	A	10.0	10.0	0.6275776	0.6289213		0.2	20
4-Methyl-2-pentanone (MIBK)	A	100	100	0.2626805	0.2626701		-0.004	20
Naphthalene	L	10.0	8.57	1.12205	1.132144		-14.3	20
n-Propylbenzene	A	10.0	9.15	2.160499	1.977417		-8.5	20

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	19F0630
Client:	Weston & Sampson - Waterbury, VT	Project:	Kingston Brownfields
Instrument ID:	GCMSVOA4	Calibration:	1900195
Lab File ID:	D19164034.D	Calibration Date:	06/03/19 06:37
Sequence:	S037093	Injection Date:	06/13/19
Lab Sample ID:	S037093-CCV1	Injection Time:	19:00

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Styrene	A	10.0	9.31	1.187896	1.106425		-6.9	20
1,1,1,2-Tetrachloroethane	A	10.0	10.0	0.3827312	0.3837335		0.3	20
1,1,2,2-Tetrachloroethane	A	10.0	9.79	0.4839699	0.4737908		-2.1	20
Tetrachloroethylene	A	10.0	9.64	0.1491042	0.1437361		-3.6	20
Tetrahydrofuran	A	10.0	9.93	3.974057E-02	3.946168E-02		-0.7	20
Toluene	A	10.0	9.08	0.5932424	0.5384417		-9.2	20
1,2,3-Trichlorobenzene	A	10.0	9.03	0.4740036	0.4279477		-9.7	20
1,2,4-Trichlorobenzene	A	10.0	8.54	0.5480734	0.4681534		-14.6	20
1,3,5-Trichlorobenzene	A	10.0	9.68	0.5963089	0.5772798		-3.2	20
1,1,1-Trichloroethane	A	10.0	9.09	0.420453	0.3821779		-9.1	20
1,1,2-Trichloroethane	A	10.0	10.4	0.1017094	0.1052986		3.5	20
Trichloroethylene	A	10.0	9.39	0.1815761	0.1705735		-6.1	20
Trichlorofluoromethane (Freon 11)	A	10.0	9.26	0.3755337	0.3476474		-7.4	20
1,2,3-Trichloropropane	A	10.0	10.0	0.152503	0.1530652		0.4	20
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	8.99	0.2071194	0.1861763		-10.1	20
1,2,4-Trimethylbenzene	A	10.0	8.77	1.509402	1.323571		-12.3	20
1,3,5-Trimethylbenzene	A	10.0	8.93	1.542252	1.377771		-10.7	20
Vinyl Chloride	A	10.0	8.71	0.3506729	0.3055476		-12.9	20
m+p Xylene	A	20.0	18.4	1.430983	1.319701		-7.8	20
o-Xylene	A	10.0	8.81	1.479893	1.303161		-11.9	20
1,2-Dichloroethane-d4	A	25.0	23.9	0.5093199	0.4869184		-4.4	
Toluene-d8	A	25.0	24.9	0.8222333	0.8177366		-0.5	
4-Bromofluorobenzene	A	25.0	24.7	0.9207177	0.9108129		-1.1	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

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QA/QC Review of Method 8270D Semi-Volatiles Data for Con-Test Analytical Laboratory, Work Order No: 19F0630

16 Soil Samples and 1 Field Duplicate Collected June 10-12, 2019

Prepared by: Donald Anné
October 9, 2019

Holding Times: Samples were extracted and analyzed within USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The DFTPP tuning criteria were within control limits.

Initial Calibration: The average RRF for applicable compounds were above the method minimums, as required.

The average RRFs for target compounds were above the allowable minimum (0.010), as required.

The %RSD for benzidine was above the allowable maximum (30%) for GCMSSV3 on 05-21-19. Positive results for benzidine should be considered estimated (J) in associated samples.

Continuing Calibration: The RRFs for applicable compounds were above the method minimums, as required. The %Ds for di-n-octylphthalate, hexachlorocyclopentadiene, and 2,4-dinitrophenol were above the method maximum on 06-17-19 (S037217-CCV1). No action is taken on fewer than 20% of the compounds with method criteria outside control limits per calibration, provided no RRF is less than 0.010.

The RRFs for target compounds were above the allowable minimum (0.010), as required.

The %Ds for benzidine, di-n-octyl phthalate, and hexachlorocyclopentadiene were above the allowable maximum (25%) on 06-17-19 (S037217-CCV1). Positive results for these compounds should be considered estimated (J) in associated samples.

Blanks: The analyses of the method blanks reported target compounds as not detected.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

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Surrogate Recovery: The surrogate recoveries were within control limits for the soil samples.

Laboratory Control Sample: The relative percent differences for target compounds were below the allowable maximum, but 2 of 2 percent recoveries for benzoic acid were below QC limits, but not below 10% for soil samples B233189-BS1 and B233189-BSD1. Positive results for benzoic acid should be considered estimated, biased low (J-) and "not detected" results estimated (UJ) in associated soil samples.

Field Duplicate: The analyses of soil field duplicate pair SB-5 (0-2)/SB-Dup reported target compounds as not detected in one or both samples; therefore; valid relative percent differences could not be calculated. The analyses for the field duplicate pair were acceptable.

Compound ID: Checked compounds and surrogates were within GC/MS quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8270D

Laboratory:	Con-Test Analytical Laboratory	Work Order:	19F0630
Client:	Weston & Sampson - Waterbury, VT	Project:	Kingston Brownfields
Matrix:	Soil	Preparation:	SW-846 3546
Batch:	B233189	Laboratory ID:	B233189-BS1
Column:		Initial/Final:	30 g / 1 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCS CONCENTRATION (mg/Kg wet)	LCS % REC.		QC LIMITS REC.
Acenaphthene	1.67	1.32	79.5		40 - 140
Acenaphthylene	1.67	1.37	82.4		40 - 140
Acetophenone	1.67	1.01	60.8		40 - 140
Aniline	1.67	0.920	55.2		10 - 140
Anthracene	1.67	1.48	88.5		40 - 140
Benzidine	1.67	1.72	104		40 - 140
Benzo(a)anthracene	1.67	1.43	86.1		40 - 140
Benzo(a)pyrene	1.67	1.52	91.2		40 - 140
Benzo(b)fluoranthene	1.67	1.47	88.0		40 - 140
Benzo(g,h,i)perylene	1.67	1.33	79.6		40 - 140
Benzo(k)fluoranthene	1.67	1.50	90.1		40 - 140
Benzoic Acid	1.67	0.354	21.2	*	30 - 130
Bis(2-chloroethoxy)methane	1.67	1.45	86.8		40 - 140
Bis(2-chloroethyl)ether	1.67	1.08	64.8		40 - 140
Bis(2-chloroisopropyl)ether	1.67	1.32	79.2		40 - 140
Bis(2-Ethylhexyl)phthalate	1.67	1.24	74.6		40 - 140
4-Bromophenylphenylether	1.67	1.56	93.7		40 - 140
Butylbenzylphthalate	1.67	1.35	80.8		40 - 140
Carbazole	1.67	1.46	87.4		40 - 140
4-Chloroaniline	1.67	1.05	63.2		10 - 140
4-Chloro-3-methylphenol	1.67	1.32	78.9		30 - 130
2-Chloronaphthalene	1.67	1.30	77.7		40 - 140
2-Chlorophenol	1.67	1.26	75.8		30 - 130
4-Chlorophenylphenylether	1.67	1.49	89.2		40 - 140
Chrysene	1.67	1.40	84.3		40 - 140
Dibenz(a,h)anthracene	1.67	1.26	75.4		40 - 140
Dibenzofuran	1.67	1.40	84.0		40 - 140
Di-n-butylphthalate	1.67	1.39	83.7		40 - 140
1,2-Dichlorobenzene	1.67	1.16	69.4		40 - 140
1,3-Dichlorobenzene	1.67	1.12	67.1		40 - 140
1,4-Dichlorobenzene	1.67	1.14	68.1		40 - 140
3,3-Dichlorobenzidine	1.67	1.24	74.3		20 - 140
2,4-Dichlorophenol	1.67	1.51	90.6		30 - 130
Diethylphthalate	1.67	1.35	81.1		40 - 140
2,4-Dimethylphenol	1.67	1.36	81.4		30 - 130
Dimethylphthalate	1.67	1.36	81.8		40 - 140
4,6-Dinitro-2-methylphenol	1.67	1.20	72.3		30 - 130

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8270D

Laboratory:	Con-Test Analytical Laboratory	Work Order:	19F0630
Client:	Weston & Sampson - Waterbury, VT	Project:	Kingston Brownfields
Matrix:	Soil	Preparation:	SW-846 3546
Batch:	B233189	Laboratory ID:	B233189-BS1
Column:		Initial/Final:	30 g / 1 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCS CONCENTRATION (mg/Kg wet)	LCS % REC.	QC LIMITS REC.
2,4-Dinitrophenol	1.67	0.695	41.7	30 - 130
2,4-Dinitrotoluene	1.67	1.43	85.8	40 - 140
2,6-Dinitrotoluene	1.67	1.52	91.1	40 - 140
Di-n-octylphthalate	1.67	1.34	80.4	40 - 140
1,2-Diphenylhydrazine/Azobenzene	1.67	1.35	81.2	40 - 140
Fluoranthene	1.67	1.47	88.5	40 - 140
Fluorene	1.67	1.41	84.8	40 - 140
Hexachlorobenzene	1.67	1.53	91.7	40 - 140
Hexachlorobutadiene	1.67	1.14	68.2	40 - 140
Hexachlorocyclopentadiene	1.67	1.01	60.9	40 - 140
Hexachloroethane	1.67	1.01	60.4	40 - 140
Indeno(1,2,3-cd)pyrene	1.67	1.30	78.0	40 - 140
Isophorone	1.67	1.32	79.3	40 - 140
1-Methylnaphthalene	1.67	1.34	80.4	40 - 140
2-Methylnaphthalene	1.67	1.36	81.9	40 - 140
2-Methylphenol	1.67	1.33	79.8	30 - 130
3/4-Methylphenol	1.67	1.24	74.5	30 - 130
Naphthalene	1.67	1.22	73.2	40 - 140
2-Nitroaniline	1.67	1.15	68.8	40 - 140
3-Nitroaniline	1.67	1.32	79.2	30 - 140
4-Nitroaniline	1.67	1.47	88.1	40 - 140
Nitrobenzene	1.67	1.12	66.9	40 - 140
2-Nitrophenol	1.67	1.29	77.2	30 - 130
4-Nitrophenol	1.67	1.11	66.4	30 - 130
N-Nitrosodimethylamine	1.67	0.983	59.0	40 - 140
N-Nitrosodiphenylamine/Diphenylamine	1.67	1.63	98.0	40 - 140
N-Nitrosodi-n-propylamine	1.67	1.08	64.6	40 - 140
Pentachloronitrobenzene	1.67	1.45	86.8	40 - 140
Pentachlorophenol	1.67	1.19	71.1	30 - 130
Phenanthrene	1.67	1.50	90.2	40 - 140
Phenol	1.67	1.22	73.3	30 - 130
Pyrene	1.67	1.50	90.2	40 - 140
Pyridine	1.67	0.734	44.1	30 - 140
1,2,4,5-Tetrachlorobenzene	1.67	1.16	69.8	40 - 140
1,2,4-Trichlorobenzene	1.67	1.26	75.7	40 - 140
2,4,5-Trichlorophenol	1.67	1.47	88.2	30 - 130
2,4,6-Trichlorophenol	1.67	1.45	86.8	30 - 130

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8270D

Laboratory:	Con-Test Analytical Laboratory	Work Order:	19F0630
Client:	Weston & Sampson - Waterbury, VT	Project:	Kingston Brownfields
Matrix:	Soil	Preparation:	SW-846 3546
Batch:	B233189	Laboratory ID:	B233189-BS1
Column:		Initial/Final:	30 g / 1 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCSD CONCENTRATION (mg/Kg wet)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Acenaphthene	1.67	1.44	86.3	8.25	30	40 - 140
Acenaphthylene	1.67	1.53	92.0	11.0	30	40 - 140
Acetophenone	1.67	1.10	65.9	8.18	30	40 - 140
Aniline	1.67	1.01	60.5	9.10	50	10 - 140
Anthracene	1.67	1.66	99.9	12.0	30	40 - 140
Benzidine	1.67	2.22	133	25.2	30	40 - 140
Benzo(a)anthracene	1.67	1.64	98.3	13.3	30	40 - 140
Benzo(a)pyrene	1.67	1.77	106	15.3	30	40 - 140
Benzo(b)fluoranthene	1.67	1.67	100	13.1	30	40 - 140
Benzo(g,h,i)perylene	1.67	1.57	94.2	16.8	30	40 - 140
Benzo(k)fluoranthene	1.67	1.70	102	12.3	30	40 - 140
Benzoic Acid	1.67	0.333	20.0 *	6.12	50	30 - 130
Bis(2-chloroethoxy)methane	1.67	1.58	94.9	8.90	30	40 - 140
Bis(2-chloroethyl)ether	1.67	1.23	73.7	12.9	30	40 - 140
Bis(2-chloroisopropyl)ether	1.67	1.46	87.5	9.98	30	40 - 140
Bis(2-Ethylhexyl)phthalate	1.67	1.48	88.6	17.1	30	40 - 140
4-Bromophenylphenylether	1.67	1.77	106	12.7	30	40 - 140
Butylbenzylphthalate	1.67	1.56	93.5	14.6	30	40 - 140
Carbazole	1.67	1.64	98.5	12.0	30	40 - 140
4-Chloroaniline	1.67	1.15	69.1	8.92	30	10 - 140
4-Chloro-3-methylphenol	1.67	1.46	87.7	10.5	30	30 - 130
2-Chloronaphthalene	1.67	1.45	86.8	11.0	30	40 - 140
2-Chlorophenol	1.67	1.37	82.0	7.89	30	30 - 130
4-Chlorophenylphenylether	1.67	1.66	99.7	11.1	30	40 - 140
Chrysene	1.67	1.63	97.9	15.0	30	40 - 140
Dibenz(a,h)anthracene	1.67	1.45	87.0	14.2	30	40 - 140
Dibenzofuran	1.67	1.55	93.2	10.4	30	40 - 140
Di-n-butylphthalate	1.67	1.56	93.7	11.3	30	40 - 140
1,2-Dichlorobenzene	1.67	1.29	77.4	11.0	30	40 - 140
1,3-Dichlorobenzene	1.67	1.23	74.0	9.81	30	40 - 140
1,4-Dichlorobenzene	1.67	1.27	76.0	10.9	30	40 - 140
3,3-Dichlorobenzidine	1.67	1.40	84.1	12.4	50	20 - 140
2,4-Dichlorophenol	1.67	1.66	99.6	9.40	30	30 - 130
Diethylphthalate	1.67	1.51	90.7	11.2	30	40 - 140
2,4-Dimethylphenol	1.67	1.54	92.3	12.5	30	30 - 130
Dimethylphthalate	1.67	1.55	92.8	12.6	30	40 - 140

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8270D

Laboratory:	Con-Test Analytical Laboratory	Work Order:	19F0630
Client:	Weston & Sampson - Waterbury, VT	Project:	Kingston Brownfields
Matrix:	Soil	Preparation:	SW-846 3546
Batch:	B233189	Laboratory ID:	B233189-BSD1
Column:		Initial/Final:	30 g / 1 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCSD CONCENTRATION (mg/Kg wet)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
4,6-Dinitro-2-methylphenol	1.67	1.29	77.2	6.66	30	30 - 130
2,4-Dinitrophenol	1.67	0.688	41.3	0.916	30	30 - 130
2,4-Dinitrotoluene	1.67	1.64	98.1	13.4	30	40 - 140
2,6-Dinitrotoluene	1.67	1.72	103	12.3	30	40 - 140
Di-n-octylphthalate	1.67	1.52	91.3	12.7	30	40 - 140
1,2-Diphenylhydrazine/Azobenzene	1.67	1.54	92.2	12.7	30	40 - 140
Fluoranthene	1.67	1.69	101	13.7	30	40 - 140
Fluorene	1.67	1.59	95.5	12.0	30	40 - 140
Hexachlorobenzene	1.67	1.70	102	10.4	30	40 - 140
Hexachlorobutadiene	1.67	1.24	74.7	9.04	30	40 - 140
Hexachlorocyclopentadiene	1.67	1.16	69.5	13.3	30	40 - 140
Hexachloroethane	1.67	1.13	67.7	11.4	30	40 - 140
Indeno(1,2,3-cd)pyrene	1.67	1.51	90.7	15.2	30	40 - 140
Isophorone	1.67	1.44	86.4	8.57	30	40 - 140
1-Methylnaphthalene	1.67	1.46	87.8	8.80	30	40 - 140
2-Methylnaphthalene	1.67	1.49	89.5	8.89	30	40 - 140
2-Methylphenol	1.67	1.44	86.2	7.71	30	30 - 130
3/4-Methylphenol	1.67	1.39	83.5	11.4	30	30 - 130
Naphthalene	1.67	1.31	78.5	6.96	30	40 - 140
2-Nitroaniline	1.67	1.29	77.7	12.2	30	40 - 140
3-Nitroaniline	1.67	1.48	88.9	11.6	30	30 - 140
4-Nitroaniline	1.67	1.63	97.9	10.6	30	40 - 140
Nitrobenzene	1.67	1.21	72.6	8.17	30	40 - 140
2-Nitrophenol	1.67	1.39	83.5	7.79	30	30 - 130
4-Nitrophenol	1.67	1.22	73.2	9.83	50	30 - 130
N-Nitrosodimethylamine	1.67	1.08	64.9	9.56	30	40 - 140
N-Nitrosodiphenylamine/Diphenylamine	1.67	1.85	111	12.5	30	40 - 140
N-Nitrosodi-n-propylamine	1.67	1.21	72.5	11.6	30	40 - 140
Pentachloronitrobenzene	1.67	1.61	96.6	10.6	30	40 - 140
Pentachlorophenol	1.67	1.27	76.5	7.26	30	30 - 130
Phenanthrene	1.67	1.68	101	10.9	30	40 - 140
Phenol	1.67	1.34	80.5	9.34	30	30 - 130
Pyrene	1.67	1.73	104	14.3	30	40 - 140
Pyridine	1.67	0.812	48.7	10.0	30	30 - 140
1,2,4,5-Tetrachlorobenzene	1.67	1.31	78.6	11.9	30	40 - 140

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8270D

Laboratory:	Con-Test Analytical Laboratory	Work Order:	19F0630
Client:	Weston & Sampson - Waterbury, VT	Project:	Kingston Brownfields
Matrix:	Soil	Preparation:	SW-846 3546
Batch:	B233189	Laboratory ID:	B233189-BSD1
Column:		Initial/Final:	30 g / 1 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCSD CONCENTRATION (mg/Kg wet)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,2,4-Trichlorobenzene	1.67	1.39	83.4	9.65	30	40 - 140
2,4,5-Trichlorophenol	1.67	1.66	99.4	12.0	30	30 - 130
2,4,6-Trichlorophenol	1.67	1.59	95.5	9.54	30	30 - 130

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8270D

Laboratory:	Con-Test Analytical Laboratory	Work Order:	19F0630
Client:	Weston & Sampson - Waterbury, VT	Project:	Kingston Brownfields
Calibration:	1900177	Instrument:	GCMSSV3
		Calibration Date:	5/21/2019 2:49:23PM

COMPOUND	Mean RF	RF RSD	Linear r^2	Quad COD	LIMIT	Q
Acenaphthene	1.326617	6.5			20	
Acenaphthylene	1.957101	5.0			20	
Acetophenone	2.156972	3.5			20	
Aniline	0.735609	2.4			20	
Anthracene	1.224277	5.5			20	
Benzidine	0.2766424	37.1			20	*
Benzo(a)anthracene	1.436351	4.7			20	
Benzo(a)pyrene	1.204468	8.0			20	
Benzo(b)fluoranthene	1.3817	9.2			20	
Benzo(g,h,i)perylene	1.011072	6.0			20	
Benzo(k)fluoranthene	1.285616	7.3			20	
Benzoic Acid	0.2107174	15.8			20	
Bis(2-chloroethoxy)methane	0.3819429	4.9			20	
Bis(2-chloroethyl)ether	0.9697521	3.1			20	
Bis(2-chloroisopropyl)ether	1.530294	1.8			20	
Bis(2-Ethylhexyl)phthalate	1.047889	7.6			20	
4-Bromophenylphenylether	0.2290617	6.4			20	
Butylbenzylphthalate	0.7082782	5.8			20	
Carbazole	1.11974	8.1			20	
4-Chloroaniline	0.4255763	4.2			20	
4-Chloro-3-methylphenol	0.3374644	4.4			20	
2-Chloronaphthalene	1.423648	7.2			20	
2-Chlorophenol	1.482924	5.1			20	
4-Chlorophenylphenylether	0.7051844	5.6			20	
Chrysene	1.389242	4.2			20	
Dibenz(a,h)anthracene	1.061311	6.9			20	
Dibenzofuran	1.797292	4.2			20	
Di-n-butylphthalate	1.376829	6.6			20	
1,2-Dichlorobenzene	1.53746	5.1			20	
1,3-Dichlorobenzene	1.614057	4.4			20	
1,4-Dichlorobenzene	1.65559	4.7			20	

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8270D

Laboratory:	Con-Test Analytical Laboratory	Work Order:	19F0630
Client:	Weston & Sampson - Waterbury, VT	Project:	Kingston Brownfields
Calibration:	1900177	Instrument:	GCMSSV3
		Calibration Date:	5/21/2019 2:49:23PM

COMPOUND	Mean RF	RF RSD	Linear r^2	Quad COD	LIMIT	Q
3,3-Dichlorobenzidine	0.4870686	3.9			20	
2,4-Dichlorophenol	0.3093109	6.9			20	
Diethylphthalate	1.361526	3.7			20	
2,4-Dimethylphenol	0.3472814	6.6			20	
Dimethylphthalate	1.412595	7.8			20	
4,6-Dinitro-2-methylphenol	0.1503892	17.3	0.996		0.99	
2,4-Dinitrophenol	0.1655479	27.0	0.993		0.99	
2,4-Dinitrotoluene	0.4036897	8.5			20	
2,6-Dinitrotoluene	0.2990955	7.3			20	
Di-n-octylphthalate	1.61347	7.2			20	
1,2-Diphenylhydrazine/Azobenzene	0.8356596	2.9			20	
Fluoranthene	1.296694	9.8			20	
Fluorene	1.431087	4.6			20	
Hexachlorobenzene	0.2293528	8.2			20	
Hexachlorobutadiene	0.2076504	9.6			20	
Hexachlorocyclopentadiene	0.4373971	14.2			20	
Hexachloroethane	0.6830883	9.1			20	
Indeno(1,2,3-cd)pyrene	1.021085	5.5			20	
Isophorone	0.7069297	2.3			20	
1-Methylnaphthalene	0.7183659	3.9			20	
2-Methylnaphthalene	0.7571111	4.3			20	
2-Methylphenol	1.392749	5.8			20	
3/4-Methylphenol	1.637645	6.4			20	
Naphthalene	1.131842	7.2			20	
2-Nitroaniline	0.4193269	4.3			20	
3-Nitroaniline	0.3348415	3.3			20	
4-Nitroaniline	0.3668095	8.2			20	
Nitrobenzene	0.4187957	3.4			20	
2-Nitrophenol	0.202393	8.1			20	
4-Nitrophenol	0.215869	9.2			20	
N-Nitrosodimethylamine	0.6361175	6.6			20	

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8270D

Laboratory:	Con-Test Analytical Laboratory	Work Order:	19F0630
Client:	Weston & Sampson - Waterbury, VT	Project:	Kingston Brownfields
Calibration:	1900177	Instrument:	GCMSSV3
		Calibration Date:	5/21/2019 2:49:23PM

COMPOUND	Mean RF	RF RSD	Linear r^2	Quad COD	LIMIT	Q
N-Nitrosodiphenylamine/Diphenylamine	0.6713072	4.3			20	
N-Nitrosodi-n-propylamine	1.183383	2.2			20	
Pentachloronitrobenzene	4.032671E-02	11.4			20	
Pentachlorophenol	0.1624133	17.6			20	
Phenanthrene	1.193216	4.4			20	
Phenol	1.91664	7.4			20	
Pyrene	1.532277	3.0			20	
Pyridine	1.279631	5.6			20	
1,2,4,5-Tetrachlorobenzene	0.6240599	7.9			20	
1,2,4-Trichlorobenzene	0.3397564	6.8			20	
2,4,5-Trichlorophenol	0.4099094	7.6			20	
2,4,6-Trichlorophenol	0.4038475	8.0			20	
2-Fluorophenol	1.268022	12.3			20	
Phenol-d6	1.679197	12.0			20	
Nitrobenzene-d5	0.3903826	12.2			20	
2-Fluorobiphenyl	1.043347	12.8			20	
2,4,6-Tribromophenol	0.1663675	13.3			20	
p-Terphenyl-d14	0.7193028	12.5			20	

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8270D

Laboratory:	Con-Test Analytical Laboratory	Work Order:	19F0630
Client:	Weston & Sampson - Waterbury, VT	Project:	Kingston Brownfields
Instrument ID:	GCMSSV2	Calibration:	1900123
Lab File ID:	B1916810.D	Calibration Date:	04/16/19 11:28
Sequence:	S037217	Injection Date:	06/17/19
Lab Sample ID:	S037217-CCV1	Injection Time:	14:39

		CONC. (µg/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Acenaphthene	A	50.0	44.8	1.385131	1.239717		-10.5	20	
Acenaphthylene	A	50.0	47.9	2.076328	1.989986		-4.2	20	
Acetophenone	A	50.0	47.5	2.02028	1.920709		-4.9	20	
Aniline	A	50.0	47.2	0.6919596	0.6531058		-5.6	20	
Anthracene	A	50.0	47.2	1.285873	1.21287		-5.7	20	
Benzidine	A	50.0	37.2	0.352346	0.2619986		-25.6	20	*
Benzo(a)anthracene	A	50.0	48.7	1.378729	1.342498		-2.6	20	
Benzo(a)pyrene	A	50.0	45.1	1.296159	1.168945		-9.8	20	
Benzo(b)fluoranthene	A	50.0	46.6	1.417292	1.321167		-6.8	20	
Benzo(g,h,i)perylene	A	50.0	48.7	1.265354	1.232724		-2.6	20	
Benzo(k)fluoranthene	A	50.0	46.3	1.359019	1.257992		-7.4	20	
Benzoic Acid	L	50.0	43.5	0.2737345	0.2382358		-13.0	20	
Bis(2-chloroethoxy)methane	A	50.0	49.2	0.3829404	0.3768225		-1.6	20	
Bis(2-chloroethyl)ether	A	50.0	46.7	0.920287	0.8599865		-6.6	20	
Bis(2-chloroisopropyl)ether	A	50.0	44.1	1.717996	1.515927		-11.8	20	
Bis(2-Ethylhexyl)phthalate	A	50.0	42.4	1.048522	0.8897905		-15.1	20	
4-Bromophenylphenylether	A	50.0	47.3	0.2304928	0.2181526		-5.4	20	
Butylbenzylphthalate	A	50.0	44.4	0.7261379	0.6455085		-11.1	20	
Carbazole	A	50.0	46.1	1.244071	1.14779		-7.7	20	
4-Chloroaniline	A	50.0	46.6	0.4692082	0.4368008		-6.9	20	
4-Chloro-3-methylphenol	A	50.0	48.8	0.320888	0.3128703		-2.5	20	
2-Chloronaphthalene	A	50.0	47.1	1.50474	1.418439		-5.7	20	
2-Chlorophenol	A	50.0	46.6	1.627012	1.515119		-6.9	20	
4-Chlorophenylphenylether	A	50.0	48.6	0.6701513	0.6518211		-2.7	20	
Chrysene	A	50.0	52.6	1.336921	1.406077		5.2	20	
Dibenz(a,h)anthracene	A	50.0	51.9	1.171858	1.216692		3.8	20	
Dibenzofuran	A	50.0	46.6	1.919157	1.790229		-6.7	20	
Di-n-butylphthalate	A	50.0	44.8	1.480857	1.326585		-10.4	20	
1,2-Dichlorobenzene	A	50.0	48.4	1.63882	1.585621		-3.2	20	
1,3-Dichlorobenzene	A	50.0	48.6	1.700465	1.65324		-2.8	20	

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8270D

Laboratory:	Con-Test Analytical Laboratory	Work Order:	19F0630
Client:	Weston & Sampson - Waterbury, VT	Project:	Kingston Brownfields
Instrument ID:	GCMSSV2	Calibration:	1900123
Lab File ID:	B1916810.D	Calibration Date:	04/16/19 11:28
Sequence:	S037217	Injection Date:	06/17/19
Lab Sample ID:	S037217-CCV1	Injection Time:	14:39

		CONC. (µg/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,4-Dichlorobenzene	A	50.0	48.0	1.753896	1.682157		-4.1	20	
3,3-Dichlorobenzidine	A	50.0	50.5	0.4621159	0.4663363		0.9	20	
2,4-Dichlorophenol	A	50.0	45.7	0.3359306	0.3068142		-8.7	20	
Diethylphthalate	A	50.0	47.9	1.372657	1.314134		-4.3	20	
2,4-Dimethylphenol	A	50.0	46.3	0.357435	0.3308403		-7.4	20	
Dimethylphthalate	A	50.0	47.7	1.435065	1.368921		-4.6	20	
4,6-Dinitro-2-methylphenol	L	50.0	42.8	0.1744732	0.1555487		-14.3	20	
2,4-Dinitrophenol	L	50.0	37.5	0.2164078	0.1643441		-25.0	20	*
2,4-Dinitrotoluene	A	50.0	49.9	0.441122	0.4402987		-0.2	20	
2,6-Dinitrotoluene	A	50.0	49.7	0.3357086	0.3338091		-0.6	20	
Di-n-octylphthalate	A	50.0	37.4	1.771405	1.325192		-25.2	20	*
1,2-Diphenylhydrazine/Azobenzene	A	50.0	48.6	0.7725604	0.7505916		-2.8	20	
Fluoranthene	A	50.0	45.6	1.355919	1.237876		-8.7	20	
Fluorene	A	50.0	45.9	1.516701	1.393297		-8.1	20	
Hexachlorobenzene	A	50.0	50.5	0.2338756	0.2363976		1.1	20	
Hexachlorobutadiene	A	50.0	50.3	0.1840422	0.1850915		0.6	20	
Hexachlorocyclopentadiene	A	50.0	29.4	0.402534	0.2370907		-41.1	20	*
Hexachloroethane	A	50.0	46.4	0.6866167	0.6368106		-7.3	20	
Indeno(1,2,3-cd)pyrene	A	50.0	43.7	1.183535	1.03428		-12.6	20	
Isophorone	A	50.0	48.6	0.6486237	0.6310393		-2.7	20	
1-Methylnaphthalene	A	50.0	47.9	0.750515	0.7185518		-4.3	20	
2-Methylnaphthalene	A	50.0	44.1	0.7861866	0.694072		-11.7	20	
2-Methylphenol	A	50.0	44.7	1.433403	1.281713		-10.6	20	
3/4-Methylphenol	A	100	95.5	1.577391	1.506948		-4.5	20	
Naphthalene	A	50.0	45.8	1.182004	1.082051		-8.5	20	
2-Nitroaniline	A	50.0	47.4	0.3666637	0.3475609		-5.2	20	
3-Nitroaniline	A	50.0	47.2	0.3866479	0.3649695		-5.6	20	
4-Nitroaniline	A	50.0	46.0	0.4284421	0.3944669		-7.9	20	
Nitrobenzene	A	50.0	50.4	0.3683338	0.3715401		0.9	20	
2-Nitrophenol	A	50.0	47.4	0.2262623	0.2143312		-5.3	20	

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8270D

Laboratory:	Con-Test Analytical Laboratory	Work Order:	19F0630
Client:	Weston & Sampson - Waterbury, VT	Project:	Kingston Brownfields
Instrument ID:	GCMSSV2	Calibration:	1900123
Lab File ID:	B1916810.D	Calibration Date:	04/16/19 11:28
Sequence:	S037217	Injection Date:	06/17/19
Lab Sample ID:	S037217-CCV1	Injection Time:	14:39

		CONC. (µg/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
4-Nitrophenol	A	50.0	54.8	0.1720463	0.1886395		9.6	20
N-Nitrosodimethylamine	A	50.0	49.1	0.5953265	0.5842195		-1.9	20
N-Nitrosodiphenylamine/Diphenylamine	A	42.8	39.8	0.7417309	0.6921633		-6.7	20
N-Nitrosodi-n-propylamine	A	50.0	46.4	1.069332	0.9924542		-7.2	20
Pentachloronitrobenzene	A	50.0	50.0	4.324385E-02	0.0432373		-0.02	20
Pentachlorophenol	A	50.0	40.5	0.1672428	0.1355355		-19.0	20
Phenanthrene	A	50.0	46.9	1.249182	1.172417		-6.1	20
Phenol	A	50.0	46.3	1.831649	1.696647		-7.4	20
Pyrene	A	50.0	47.1	1.553635	1.463063		-5.8	20
Pyridine	A	50.0	47.8	1.414221	1.352294		-4.4	20
1,2,4,5-Tetrachlorobenzene	A	50.0	47.5	0.635092	0.603701		-4.9	20
1,2,4-Trichlorobenzene	A	50.0	48.4	0.3528977	0.341389		-3.3	20
2,4,5-Trichlorophenol	A	50.0	46.0	0.4591889	0.4220808		-8.1	20
2,4,6-Trichlorophenol	A	50.0	47.1	0.4303061	0.4055257		-5.8	20
2-Fluorophenol	A	100	94.9	1.365203	1.296029		-5.1	
Phenol-d6	A	100	96.5	1.710249	1.649669		-3.5	
Nitrobenzene-d5	A	50.0	48.4	0.3728127	0.3610522		-3.2	
2-Fluorobiphenyl	A	50.0	47.7	1.145041	1.092098		-4.6	
2,4,6-Tribromophenol	A	100	93.2	0.1873557	0.1747112		-6.7	
p-Terphenyl-d14	A	50.0	48.4	0.7155633	0.6930348		-3.1	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

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QA/QC Review of 8082A PCB Data for
Con-Test Analytical Laboratory, Work Order No: 19F0630

6 Soil Samples and 1 Field Duplicate
Collected June 11, 2019

Prepared by: Donald Anné
October 9, 2019

Holding Times: The samples were extracted and analyzed within USEPA SW-846 holding times.

Blanks: The analysis of the method blank reported target aroclors as not detected.

Surrogate Recovery: The surrogates for sample SB-05 (0-2) were diluted beyond detection limits. No action is taken on surrogates diluted beyond detection limits.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences for aroclor 1016 and aroclor 1260 were below the allowable maximum and the percent recoveries were within QC limits on both columns for soil MS/MSD sample SB-2 (0-2).

Laboratory Control Sample: The relative percent differences for aroclor 1016 and aroclor 1260 were below the allowable maximums and percent recoveries were within QC limits on both columns for soil samples B233449-BS1 and B233449-BSD1.

Field Duplicates: The analyses of soil field duplicate pair SB-5 (0-2)/SB-Dup reported target aroclors as not detected; therefore, valid relative percent differences could not be calculated. The analyses for the field duplicate pair were acceptable.

Initial Calibration: The %RSDs for target aroclors were below the allowable maximum (20%) on both columns, as required.

Continuing Calibration: The %D for aroclor-1268 was above the allowable maximum (15%) for column SC2 on 06-18-19 (S037485-CCV5). Positive results for aroclor-1268 should be considered estimated (J) in associated samples.

PCB Identification Summary: Checked surrogate results were within quantitation limits. The analyses of the soil samples reported target aroclors as not detected.

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2 - FORM II
SYSTEM MONITORING COMPOUND SUMMARY
SW-846 8082A

Laboratory:	Con-Test Analytical Laboratory	SDG:	19F0630
Client:	Weston & Sampson - Waterbury, VT	Project:	Kingston Brownfields
Matrix:	Soil	Instrument:	ECD3

	DCB 1 (30% - 150%)	DCB 2 (30% - 150%)	TCX 1 (30% - 150%)	TCX 2 (30% - 150%)
19F0630-01	89.0	90.8	89.1	86.4
19F0630-02	84.0	85.4	84.6	81.5
19F0630-03	88.2	90.4	87.3	83.8
19F0630-04	90.2	90.9	78.7	76.6
19F0630-07	D	D	D	D
19F0630-08	93.9	94.5	85.3	83.2
19F0630-17	100	102	93.7	90.9
B233449-BLK1	98.4	100	90.1	84.9
B233449-BS1	92.4	94.1	84.2	78.8
B233449-BSD1	93.3	94.9	80.8	75.1
B233449-MS1	81.8	82.5	77.2	75.1
B233449-MSD1	85.4	87.6	86.0	83.8

7 - FORM VII

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CONTINUING CALIBRATION VERIFICATION

SW-846 8082A

Laboratory:	Con-Test Analytical Laboratory	Work Order:	19F0630
Client:	Weston & Sampson - Waterbury, VT	Project:	Kingston Brownfields
Instrument ID:	ECD3	Calibration:	1900139
Lab File ID:	C0618037.d	Calibration Date:	04/27/19 00:00
Sequence:	S037485	Injection Date:	06/18/19
Lab Sample ID:	S037485-CCV5	Injection Time:	18:00

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Aroclor-1232	A	100	105				5.3	15
Aroclor-1232 [2C]	A	100	96.9				-3.1	15
Aroclor-1268	A	100	113				13.0	15
Aroclor-1268 [2C]	A	100	124				24.5	15

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

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QA/QC Review of Metals Data for
Con-Test Analytical Laboratory
Work Order No: 19F0630

14 Soil Samples and 1 Field Duplicate
Collected June 10-12, 2019

Prepared by: Donald Anné
October 9, 2019

Holding Times: The samples were analyzed within USEPA SW-846 holding times.

Initial and Continuing Calibration Verification: The percent recoveries for target metals were within control limits (90-110% for all metals except Hg, 80-120% for Hg).

Low Level Calibration Verification: The percent drift for metals were below the laboratory allowable maximum (30%) for sample S038741-LCV1, as required.

CRDL Standard: The percent recovery for lead was within laboratory QC limits (80-120%) for sample B233505-MRL1.

Blanks: The analyses of initial and continuing calibration and method blanks reported target metals as not detected.

ICP Interference Check Sample: The percent recoveries for applicable metals were within control limits (80-120%).

Spike Sample Recovery: The percent recoveries for target metals were within control limits for soil spike sample SB-3 (16-18).

Laboratory Duplicates: The relative percent differences for applicable metals were below the allowable maximum (35%) for soil duplicate sample SB-3 (16-18), as required.

Field Duplicate: The relative percent differences for arsenic, barium, cadmium, chromium, and lead were above the allowable maximum (35%) for soil field duplicate pair SB-5 (0-2)/SB-Dup (attached table). Positive results for these metals should be considered estimated (J) in samples SB-5 (0-2) and SB-Dup.

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Laboratory Control Sample: The relative percent differences for target metals were below the allowable maximums and the percent recoveries were within control limits for soil samples B233505-BS1 and B233492-BS1.

Percent Solids: The percent solids for the soil samples were above 50%.

RCRA Metals

Calculations for Field Duplicate Relative Percent Difference (RPD)
SDG No. 19F0630

S1= SB-5 (0-2) **S2=** SB-DUP

Analyte	S1	S2	RPD (%)	
arsenic	4.7	2.8	51%	*
barium	120	23	136%	*
cadmium	0.53	0.20	90%	*
chromium	11	7.2	42%	*
lead	220	6	189%	*
mercury	0.32	**0.013**	NC	
selenium	ND	ND	NC	
silver	ND	ND	NC	

* RPD is above the allowable maximum (35%)

All results are in mg/kg.

Bold numbers were values that below the CRDL.
ND - Not detected.
NC - Not calculated, both results must be above the CRDL for valid RPDs to be calculated.

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY
Sample Description:
Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-2 (0-2)
Sampled: 6/11/2019 08:05

Sample ID: 19F0630-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	0.042	0.11	0.0096	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 13:06	MFF
Acrylonitrile	ND	0.0069	0.0011	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0011	0.00034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
Benzene	ND	0.0023	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
Bromobenzene	ND	0.0023	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
Bromochloromethane	ND	0.0046	0.00091	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
Bromodichloromethane	ND	0.0023	0.00057	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
Bromoform	ND	0.0046	0.00080	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
Bromomethane	ND	0.011	0.0013	mg/Kg dry	1	V-34	SW-846 8260C	6/13/19	6/13/19 13:06	MFF
2-Butanone (MEK)	ND	0.046	0.0063	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
tert-Butyl Alcohol (TBA)	ND	0.046	0.0051	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
n-Butylbenzene	ND	0.0023	0.00057	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
sec-Butylbenzene	ND	0.0023	0.00091	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
tert-Butylbenzene	ND	0.0023	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0011	0.00023	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
Carbon Disulfide	ND	0.0069	0.0062	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
Carbon Tetrachloride	ND	0.0023	0.00080	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
Chlorobenzene	ND	0.0023	0.00057	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
Chlorodibromomethane	ND	0.0023	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
Chloroethane	ND	0.023	0.00091	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
Chloroform	ND	0.0046	0.00057	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
Chloromethane	ND	0.011	0.00080	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
2-Chlorotoluene	ND	0.0023	0.00034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
4-Chlorotoluene	ND	0.0023	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0023	0.0011	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
1,2-Dibromoethane (EDB)	ND	0.0011	0.00080	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
Dibromomethane	ND	0.0023	0.00091	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
1,2-Dichlorobenzene	ND	0.0023	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
1,3-Dichlorobenzene	ND	0.0023	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
1,4-Dichlorobenzene	ND	0.0023	0.00091	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
trans-1,4-Dichloro-2-butene	ND	0.0046	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.023	0.0013	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
1,1-Dichloroethane	ND	0.0023	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
1,2-Dichloroethane	ND	0.0023	0.00057	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
1,1-Dichloroethylene	ND	0.0046	0.00080	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
cis-1,2-Dichloroethylene	ND	0.0023	0.00080	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
trans-1,2-Dichloroethylene	ND	0.0023	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
1,2-Dichloropropane	ND	0.0023	0.00091	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
1,3-Dichloropropane	ND	0.0011	0.00057	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
2,2-Dichloropropane	ND	0.0023	0.00091	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
1,1-Dichloropropene	ND	0.0046	0.00091	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
cis-1,3-Dichloropropene	ND	0.0011	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
trans-1,3-Dichloropropene	ND	0.0011	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
Diethyl Ether	0.0018	0.023	0.00080	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 13:06	MFF

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Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-2 (0-2) | Sampled: 6/11/2019 08:05

Sample ID: 19F0630-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0011	0.00023	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
1,4-Dioxane	ND	0.11	0.0061	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
Ethylbenzene	ND	0.0023	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
Hexachlorobutadiene	ND	0.0023	0.00080	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
2-Hexanone (MBK)	ND	0.023	0.0023	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
Isopropylbenzene (Cumene)	ND	0.0023	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0023	0.00057	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
Methyl Acetate	ND	0.0023	0.00080	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0046	0.00034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
Methyl Cyclohexane	ND	0.0023	0.00080	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
Methylene Chloride	0.0021	0.023	0.0011	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 13:06	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.023	0.0029	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
Naphthalene	ND	0.0046	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
n-Propylbenzene	ND	0.0023	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
Styrene	ND	0.0023	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
1,1,1,2-Tetrachloroethane	ND	0.0023	0.0011	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
1,1,2,2-Tetrachloroethane	ND	0.0011	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
Tetrachloroethylene	ND	0.0023	0.0014	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
Tetrahydrofuran	ND	0.011	0.0013	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
Toluene	0.0012	0.0023	0.00069	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 13:06	MFF
1,2,3-Trichlorobenzene	ND	0.0023	0.0011	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
1,2,4-Trichlorobenzene	ND	0.0023	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
1,3,5-Trichlorobenzene	ND	0.0023	0.00034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
1,1,1-Trichloroethane	ND	0.0023	0.00057	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
1,1,2-Trichloroethane	ND	0.0023	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
Trichloroethylene	ND	0.0023	0.00091	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
Trichlorofluoromethane (Freon 11)	ND	0.011	0.00080	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
1,2,3-Trichloropropane	ND	0.0046	0.00091	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.011	0.00091	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
1,2,4-Trimethylbenzene	ND	0.0023	0.00034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
1,3,5-Trimethylbenzene	ND	0.0023	0.00057	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
Vinyl Chloride	ND	0.011	0.0010	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
m+p Xylene	ND	0.0046	0.0011	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF
o-Xylene	ND	0.0023	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:06	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	97.4	70-130			6/13/19 13:06
Toluene-d8	100	70-130			6/13/19 13:06
4-Bromofluorobenzene	102	70-130			6/13/19 13:06

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-2 (0-2) Sampled: 6/11/2019 08:05

Sample ID: 19F0630-01

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.19	0.099	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
Acenaphthylene	ND	0.19	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
Acetophenone	ND	0.37	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
Aniline	ND	0.37	0.088	mg/Kg dry	1	V-34	SW-846 8270D	6/13/19	6/17/19 19:10	KLB
Anthracene	ND	0.19	0.099	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
Benzidine	ND	0.73	0.20	mg/Kg dry	1	V-04, V-05	SW-846 8270D	6/13/19	6/17/19 19:10	KLB
Benzo(a)anthracene	ND	0.19	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
Benzo(a)pyrene	ND	0.19	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
Benzo(b)fluoranthene	ND	0.19	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
Benzo(g,h,i)perylene	ND	0.19	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
Benzo(k)fluoranthene	ND	0.19	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
Benzoic Acid	ND	1.1	0.65	mg/Kg dry	1	UJ L-04	SW-846 8270D	6/13/19	6/17/19 19:10	KLB
Bis(2-chloroethoxy)methane	ND	0.37	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
Bis(2-chloroethyl)ether	ND	0.37	0.19	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
Bis(2-chloroisopropyl)ether	ND	0.37	0.25	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
Bis(2-Ethylhexyl)phthalate	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
4-Bromophenylphenylether	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
Butylbenzylphthalate	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
Carbazole	ND	0.19	0.099	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
4-Chloroaniline	ND	0.73	0.15	mg/Kg dry	1	V-34	SW-846 8270D	6/13/19	6/17/19 19:10	KLB
4-Chloro-3-methylphenol	ND	0.73	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
2-Chloronaphthalene	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
2-Chlorophenol	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
4-Chlorophenylphenylether	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
Chrysene	ND	0.19	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
Dibenz(a,h)anthracene	ND	0.19	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
Dibenzofuran	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
Di-n-butylphthalate	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
1,2-Dichlorobenzene	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
1,3-Dichlorobenzene	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
1,4-Dichlorobenzene	ND	0.37	0.099	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
3,3-Dichlorobenzidine	ND	0.19	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
2,4-Dichlorophenol	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
Diethylphthalate	ND	0.37	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
2,4-Dimethylphenol	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
Dimethylphthalate	ND	0.37	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
4,6-Dinitro-2-methylphenol	ND	0.37	0.33	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
2,4-Dinitrophenol	ND	0.73	0.51	mg/Kg dry	1	V-05	SW-846 8270D	6/13/19	6/17/19 19:10	KLB
2,4-Dinitrotoluene	ND	0.37	0.18	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
2,6-Dinitrotoluene	ND	0.37	0.18	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
Di-n-octylphthalate	ND	0.37	0.17	mg/Kg dry	1	V-05	SW-846 8270D	6/13/19	6/17/19 19:10	KLB
1,2-Diphenylhydrazine/Azobenzene	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
Fluoranthene	ND	0.19	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
Fluorene	ND	0.19	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-2 (0-2) Sampled: 6/11/2019 08:05

Sample ID: 19F0630-01

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.37	0.099	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
Hexachlorobutadiene	ND	0.37	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
Hexachlorocyclopentadiene	ND	0.37	0.31	mg/Kg dry	1	V-05	SW-846 8270D	6/13/19	6/17/19 19:10	KLB
Hexachloroethane	ND	0.37	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
Indeno(1,2,3-cd)pyrene	ND	0.19	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
Isophorone	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
1-Methylnaphthalene	ND	0.19	0.099	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
2-Methylnaphthalene	ND	0.19	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
2-Methylphenol	ND	0.37	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
3/4-Methylphenol	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
Naphthalene	ND	0.19	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
2-Nitroaniline	ND	0.37	0.22	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
3-Nitroaniline	ND	0.37	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
4-Nitroaniline	ND	0.37	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
Nitrobenzene	ND	0.37	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
2-Nitrophenol	ND	0.37	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
4-Nitrophenol	ND	0.73	0.26	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
N-Nitrosodimethylamine	ND	0.37	0.20	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
N-Nitrosodiphenylamine/Diphenylamine	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
N-Nitrosodi-n-propylamine	ND	0.37	0.17	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
Pentachloronitrobenzene	ND	0.37	0.13	mg/Kg dry	1	V-16	SW-846 8270D	6/13/19	6/17/19 19:10	KLB
Pentachlorophenol	ND	0.37	0.25	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
Phenanthrene	ND	0.19	0.099	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
Phenol	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
Pyrene	ND	0.19	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
Pyridine	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
1,2,4,5-Tetrachlorobenzene	ND	0.37	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
1,2,4-Trichlorobenzene	ND	0.37	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
2,4,5-Trichlorophenol	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB
2,4,6-Trichlorophenol	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:10	KLB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	56.0	30-130		6/17/19 19:10
Phenol-d6	64.2	30-130		6/17/19 19:10
Nitrobenzene-d5	66.8	30-130		6/17/19 19:10
2-Fluorobiphenyl	70.7	30-130		6/17/19 19:10
2,4,6-Tribromophenol	50.0	30-130		6/17/19 19:10
p-Terphenyl-d14	87.4	30-130		6/17/19 19:10

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-2 (0-2) Sampled: 6/11/2019 08:05

Sample ID: 19F0630-01

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.089	0.040	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 20:22	AYH
Aroclor-1221 [1]	ND	0.089	0.067	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 20:22	AYH
Aroclor-1232 [1]	ND	0.089	0.080	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 20:22	AYH
Aroclor-1242 [1]	ND	0.089	0.067	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 20:22	AYH
Aroclor-1248 [1]	ND	0.089	0.031	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 20:22	AYH
Aroclor-1254 [1]	ND	0.089	0.036	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 20:22	AYH
Aroclor-1260 [1]	ND	0.089	0.049	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 20:22	AYH
Aroclor-1262 [1]	ND	0.089	0.044	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 20:22	AYH
Aroclor-1268 [1]	ND	0.089	0.071	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 20:22	AYH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	89.0	30-150		6/18/19 20:22
Decachlorobiphenyl [2]	90.8	30-150		6/18/19 20:22
Tetrachloro-m-xylene [1]	89.1	30-150		6/18/19 20:22
Tetrachloro-m-xylene [2]	86.4	30-150		6/18/19 20:22

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-2 (0-2) Sampled: 6/11/2019 08:05

Sample ID: 19F0630-01

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	2.9	1.9	0.94	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 14:58	EJB
Barium	30	1.9	0.92	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 14:58	EJB
Cadmium	0.21	0.19	0.11	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 14:58	EJB
Chromium	8.2	0.37	0.23	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 14:58	EJB
Lead	11	0.56	0.33	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 14:58	EJB
Mercury	0.056	0.029	0.0086	mg/Kg dry	1		SW-846 7471B	6/17/19	6/18/19 10:42	AJL
Selenium	ND	3.7	3.1	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 14:58	EJB
Silver	ND	0.37	0.22	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 14:58	EJB

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-2 (0-2) Sampled: 6/11/2019 08:05

Sample ID: 19F0630-01

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.6		% Wt	1		SM 2540G	6/13/19	6/14/19 7:42	JDN

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-2 (16-18) | Sampled: 6/11/2019 08:15

Sample ID: 19F0630-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	0.0073	0.067	0.0056	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 13:33	MFF
Acrylonitrile	ND	0.0040	0.00067	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00067	0.00020	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
Benzene	ND	0.0013	0.00040	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
Bromobenzene	ND	0.0013	0.00027	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
Bromochloromethane	ND	0.0027	0.00053	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
Bromodichloromethane	ND	0.0013	0.00033	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
Bromoform	ND	0.0027	0.00047	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
Bromomethane	ND	0.0067	0.00073	mg/Kg dry	1	V-34	SW-846 8260C	6/13/19	6/13/19 13:33	MFF
2-Butanone (MEK)	ND	0.027	0.0037	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
tert-Butyl Alcohol (TBA)	ND	0.027	0.0030	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
n-Butylbenzene	ND	0.0013	0.00033	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
sec-Butylbenzene	ND	0.0013	0.00053	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
tert-Butylbenzene	ND	0.0013	0.00040	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00067	0.00013	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
Carbon Disulfide	ND	0.0040	0.0036	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
Carbon Tetrachloride	ND	0.0013	0.00047	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
Chlorobenzene	ND	0.0013	0.00033	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
Chlorodibromomethane	ND	0.0013	0.00027	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
Chloroethane	ND	0.013	0.00053	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
Chloroform	ND	0.0027	0.00033	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
Chloromethane	ND	0.0067	0.00047	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
2-Chlorotoluene	ND	0.0013	0.00020	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
4-Chlorotoluene	ND	0.0013	0.00027	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0013	0.00067	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
1,2-Dibromoethane (EDB)	ND	0.00067	0.00047	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
Dibromomethane	ND	0.0013	0.00053	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
1,2-Dichlorobenzene	ND	0.0013	0.00027	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
1,3-Dichlorobenzene	ND	0.0013	0.00027	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
1,4-Dichlorobenzene	ND	0.0013	0.00053	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
trans-1,4-Dichloro-2-butene	ND	0.0027	0.00040	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.013	0.00073	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
1,1-Dichloroethane	ND	0.0013	0.00027	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
1,2-Dichloroethane	ND	0.0013	0.00033	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
1,1-Dichloroethylene	ND	0.0027	0.00047	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
cis-1,2-Dichloroethylene	ND	0.0013	0.00047	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
trans-1,2-Dichloroethylene	ND	0.0013	0.00040	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
1,2-Dichloropropane	ND	0.0013	0.00053	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
1,3-Dichloropropane	ND	0.00067	0.00033	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
2,2-Dichloropropane	ND	0.0013	0.00053	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
1,1-Dichloropropene	ND	0.0027	0.00053	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
cis-1,3-Dichloropropene	ND	0.00067	0.00027	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
trans-1,3-Dichloropropene	ND	0.00067	0.00027	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
Diethyl Ether	0.0015	0.013	0.00047	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 13:33	MFF

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-2 (16-18) Sampled: 6/11/2019 08:15

Sample ID: 19F0630-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.00067	0.00013	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
1,4-Dioxane	ND	0.067	0.0035	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
Ethylbenzene	ND	0.0013	0.00040	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
Hexachlorobutadiene	ND	0.0013	0.00047	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
2-Hexanone (MBK)	ND	0.013	0.0013	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
Isopropylbenzene (Cumene)	ND	0.0013	0.00040	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0013	0.00033	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
Methyl Acetate	ND	0.0013	0.00047	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0027	0.00020	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
Methyl Cyclohexane	ND	0.0013	0.00047	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
Methylene Chloride	0.0016	0.013	0.00067	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 13:33	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.013	0.0017	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
Naphthalene	ND	0.0027	0.00027	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
n-Propylbenzene	ND	0.0013	0.00040	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
Styrene	ND	0.0013	0.00027	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
1,1,1,2-Tetrachloroethane	ND	0.0013	0.00067	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
1,1,2,2-Tetrachloroethane	ND	0.00067	0.00027	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
Tetrachloroethylene	ND	0.0013	0.00080	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
Tetrahydrofuran	ND	0.0067	0.00073	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
Toluene	ND	0.0013	0.00040	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
1,2,3-Trichlorobenzene	ND	0.0013	0.00067	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
1,2,4-Trichlorobenzene	ND	0.0013	0.00027	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
1,3,5-Trichlorobenzene	ND	0.0013	0.00020	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
1,1,1-Trichloroethane	ND	0.0013	0.00033	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
1,1,2-Trichloroethane	ND	0.0013	0.00027	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
Trichloroethylene	ND	0.0013	0.00053	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0067	0.00047	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
1,2,3-Trichloropropane	ND	0.0027	0.00053	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0067	0.00053	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
1,2,4-Trimethylbenzene	ND	0.0013	0.00020	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
1,3,5-Trimethylbenzene	ND	0.0013	0.00033	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
Vinyl Chloride	ND	0.0067	0.00060	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
m+p Xylene	ND	0.0027	0.00067	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF
o-Xylene	ND	0.0013	0.00040	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 13:33	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	99.8	70-130			6/13/19 13:33
Toluene-d8	100	70-130			6/13/19 13:33
4-Bromofluorobenzene	103	70-130			6/13/19 13:33

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY
Sample Description:
Work Order: 19F0630
Date Received: 6/12/2019
Field Sample #: SB-2 (16-18)
Sampled: 6/11/2019 08:15
Sample ID: 19F0630-02
Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.18	0.094	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
Acenaphthylene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
Acetophenone	ND	0.36	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
Aniline	ND	0.36	0.084	mg/Kg dry	1	V-34	SW-846 8270D	6/13/19	6/17/19 19:36	KLB
Anthracene	ND	0.18	0.094	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
Benzidine	ND	0.69	0.19	mg/Kg dry	1	V-04, V-05	SW-846 8270D	6/13/19	6/17/19 19:36	KLB
Benzo(a)anthracene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
Benzo(a)pyrene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
Benzo(b)fluoranthene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
Benzo(g,h,i)perylene	ND	0.18	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
Benzo(k)fluoranthene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
Benzoic Acid	ND	1.0	0.62	mg/Kg dry	1	VJ L-04	SW-846 8270D	6/13/19	6/17/19 19:36	KLB
Bis(2-chloroethoxy)methane	ND	0.36	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
Bis(2-chloroethyl)ether	ND	0.36	0.18	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
Bis(2-chloroisopropyl)ether	ND	0.36	0.24	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
Bis(2-Ethylhexyl)phthalate	ND	0.36	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
4-Bromophenylphenylether	ND	0.36	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
Butylbenzylphthalate	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
Carbazole	ND	0.18	0.094	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
4-Chloroaniline	ND	0.69	0.15	mg/Kg dry	1	V-34	SW-846 8270D	6/13/19	6/17/19 19:36	KLB
4-Chloro-3-methylphenol	ND	0.69	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
2-Chloronaphthalene	ND	0.36	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
2-Chlorophenol	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
4-Chlorophenylphenylether	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
Chrysene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
Dibenz(a,h)anthracene	ND	0.18	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
Dibenzofuran	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
Di-n-butylphthalate	ND	0.36	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
1,2-Dichlorobenzene	ND	0.36	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
1,3-Dichlorobenzene	ND	0.36	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
1,4-Dichlorobenzene	ND	0.36	0.094	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
3,3-Dichlorobenzidine	ND	0.18	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
2,4-Dichlorophenol	ND	0.36	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
Diethylphthalate	ND	0.36	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
2,4-Dimethylphenol	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
Dimethylphthalate	ND	0.36	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
4,6-Dinitro-2-methylphenol	ND	0.36	0.31	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
2,4-Dinitrophenol	ND	0.69	0.48	mg/Kg dry	1	V-05	SW-846 8270D	6/13/19	6/17/19 19:36	KLB
2,4-Dinitrotoluene	ND	0.36	0.17	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
2,6-Dinitrotoluene	ND	0.36	0.17	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
Di-n-octylphthalate	ND	0.36	0.16	mg/Kg dry	1	V-05	SW-846 8270D	6/13/19	6/17/19 19:36	KLB
1,2-Diphenylhydrazine/Azobenzene	ND	0.36	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
Fluoranthene	ND	0.18	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
Fluorene	ND	0.18	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-2 (16-18) Sampled: 6/11/2019 08:15

Sample ID: 19F0630-02

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.36	0.094	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
Hexachlorobutadiene	ND	0.36	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
Hexachlorocyclopentadiene	ND	0.36	0.29	mg/Kg dry	1	V-05	SW-846 8270D	6/13/19	6/17/19 19:36	KLB
Hexachloroethane	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
Indeno(1,2,3-cd)pyrene	ND	0.18	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
Isophorone	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
1-Methylnaphthalene	ND	0.18	0.094	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
2-Methylnaphthalene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
2-Methylphenol	ND	0.36	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
3/4-Methylphenol	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
Naphthalene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
2-Nitroaniline	ND	0.36	0.21	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
3-Nitroaniline	ND	0.36	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
4-Nitroaniline	ND	0.36	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
Nitrobenzene	ND	0.36	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
2-Nitrophenol	ND	0.36	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
4-Nitrophenol	ND	0.69	0.25	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
N-Nitrosodimethylamine	ND	0.36	0.19	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
N-Nitrosodiphenylamine/Diphenylamine	ND	0.36	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
N-Nitrosodi-n-propylamine	ND	0.36	0.16	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
Pentachloronitrobenzene	ND	0.36	0.13	mg/Kg dry	1	V-16	SW-846 8270D	6/13/19	6/17/19 19:36	KLB
Pentachlorophenol	ND	0.36	0.24	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
Phenanthrene	ND	0.18	0.094	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
Phenol	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
Pyrene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
Pyridine	ND	0.36	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
1,2,4,5-Tetrachlorobenzene	ND	0.36	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
1,2,4-Trichlorobenzene	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
2,4,5-Trichlorophenol	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB
2,4,6-Trichlorophenol	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 19:36	KLB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	64.3	30-130		6/17/19 19:36
Phenol-d6	69.8	30-130		6/17/19 19:36
Nitrobenzene-d5	72.2	30-130		6/17/19 19:36
2-Fluorobiphenyl	77.0	30-130		6/17/19 19:36
2,4,6-Tribromophenol	65.9	30-130		6/17/19 19:36
p-Terphenyl-d14	84.4	30-130		6/17/19 19:36

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-2 (16-18) Sampled: 6/11/2019 08:15

Sample ID: 19F0630-02

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.085	0.038	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 20:35	AYH
Aroclor-1221 [1]	ND	0.085	0.064	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 20:35	AYH
Aroclor-1232 [1]	ND	0.085	0.076	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 20:35	AYH
Aroclor-1242 [1]	ND	0.085	0.064	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 20:35	AYH
Aroclor-1248 [1]	ND	0.085	0.030	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 20:35	AYH
Aroclor-1254 [1]	ND	0.085	0.034	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 20:35	AYH
Aroclor-1260 [1]	ND	0.085	0.047	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 20:35	AYH
Aroclor-1262 [1]	ND	0.085	0.042	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 20:35	AYH
Aroclor-1268 [1]	ND	0.085	0.068	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 20:35	AYH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	84.0	30-150		6/18/19 20:35
Decachlorobiphenyl [2]	85.4	30-150		6/18/19 20:35
Tetrachloro-m-xylene [1]	84.6	30-150		6/18/19 20:35
Tetrachloro-m-xylene [2]	81.5	30-150		6/18/19 20:35

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Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-2 (16-18) Sampled: 6/11/2019 08:15

Sample ID: 19F0630-02

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	2.6	1.8	0.89	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 15:03	EJB
Barium	34	1.8	0.87	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 15:03	EJB
Cadmium	0.22	0.18	0.11	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 15:03	EJB
Chromium	11	0.35	0.22	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 15:03	EJB
Lead	6.8	0.53	0.31	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 15:03	EJB
Mercury	0.016	0.027	0.0082	mg/Kg dry	1	J	SW-846 7471B	6/17/19	6/18/19 10:44	AJL
Selenium	ND	3.5	2.9	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 15:03	EJB
Silver	ND	0.35	0.21	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 15:03	EJB

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Project Location: 615 Broadway, Kingston, NY
Sample Description:
Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-2 (16-18)
Sampled: 6/11/2019 08:15

Sample ID: 19F0630-02

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	94.2		% Wt	1		SM 2540G	6/13/19	6/14/19 7:42	JDN

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Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-3 (0-2) | Sampled: 6/11/2019 08:50

Sample ID: 19F0630-03

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	0.020	0.064	0.0053	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 14:00	MFF
Acrylonitrile	ND	0.0038	0.00064	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00064	0.00019	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
Benzene	ND	0.0013	0.00038	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
Bromobenzene	ND	0.0013	0.00025	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
Bromochloromethane	ND	0.0025	0.00051	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
Bromodichloromethane	ND	0.0013	0.00032	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
Bromoform	ND	0.0025	0.00044	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
Bromomethane	ND	0.0064	0.00070	mg/Kg dry	1	V-34	SW-846 8260C	6/13/19	6/13/19 14:00	MFF
2-Butanone (MEK)	ND	0.025	0.0035	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
tert-Butyl Alcohol (TBA)	ND	0.025	0.0029	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
n-Butylbenzene	ND	0.0013	0.00032	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
sec-Butylbenzene	ND	0.0013	0.00051	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
tert-Butylbenzene	ND	0.0013	0.00038	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00064	0.00013	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
Carbon Disulfide	ND	0.0038	0.0034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
Carbon Tetrachloride	ND	0.0013	0.00044	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
Chlorobenzene	ND	0.0013	0.00032	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
Chlorodibromomethane	ND	0.0013	0.00025	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
Chloroethane	ND	0.013	0.00051	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
Chloroform	ND	0.0025	0.00032	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
Chloromethane	ND	0.0064	0.00044	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
2-Chlorotoluene	ND	0.0013	0.00019	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
4-Chlorotoluene	ND	0.0013	0.00025	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0013	0.00064	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
1,2-Dibromoethane (EDB)	ND	0.00064	0.00044	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
Dibromomethane	ND	0.0013	0.00051	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
1,2-Dichlorobenzene	ND	0.0013	0.00025	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
1,3-Dichlorobenzene	ND	0.0013	0.00025	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
1,4-Dichlorobenzene	ND	0.0013	0.00051	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
trans-1,4-Dichloro-2-butene	ND	0.0025	0.00038	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.013	0.00070	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
1,1-Dichloroethane	ND	0.0013	0.00025	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
1,2-Dichloroethane	ND	0.0013	0.00032	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
1,1-Dichloroethylene	ND	0.0025	0.00044	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
cis-1,2-Dichloroethylene	ND	0.0013	0.00044	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
trans-1,2-Dichloroethylene	ND	0.0013	0.00038	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
1,2-Dichloropropane	ND	0.0013	0.00051	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
1,3-Dichloropropane	ND	0.00064	0.00032	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
2,2-Dichloropropane	ND	0.0013	0.00051	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
1,1-Dichloropropene	ND	0.0025	0.00051	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
cis-1,3-Dichloropropene	ND	0.00064	0.00025	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
trans-1,3-Dichloropropene	ND	0.00064	0.00025	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
Diethyl Ether	0.00099	0.013	0.00044	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 14:00	MFF

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-3 (0-2) Sampled: 6/11/2019 08:50

Sample ID: 19F0630-03

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.00064	0.00013	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
1,4-Dioxane	ND	0.064	0.0034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
Ethylbenzene	ND	0.0013	0.00038	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
Hexachlorobutadiene	ND	0.0013	0.00044	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
2-Hexanone (MBK)	ND	0.013	0.0013	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
Isopropylbenzene (Cumene)	ND	0.0013	0.00038	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0013	0.00032	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
Methyl Acetate	ND	0.0013	0.00044	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0025	0.00019	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
Methyl Cyclohexane	ND	0.0013	0.00044	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
Methylene Chloride	0.0010	0.013	0.00064	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 14:00	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.013	0.0016	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
Naphthalene	ND	0.0025	0.00025	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
n-Propylbenzene	ND	0.0013	0.00038	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
Styrene	ND	0.0013	0.00025	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
1,1,1,2-Tetrachloroethane	ND	0.0013	0.00064	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
1,1,2,2-Tetrachloroethane	ND	0.00064	0.00025	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
Tetrachloroethylene	ND	0.0013	0.00076	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
Tetrahydrofuran	ND	0.0064	0.00070	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
Toluene	ND	0.0013	0.00038	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
1,2,3-Trichlorobenzene	ND	0.0013	0.00064	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
1,2,4-Trichlorobenzene	ND	0.0013	0.00025	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
1,3,5-Trichlorobenzene	ND	0.0013	0.00019	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
1,1,1-Trichloroethane	ND	0.0013	0.00032	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
1,1,2-Trichloroethane	ND	0.0013	0.00025	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
Trichloroethylene	ND	0.0013	0.00051	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0064	0.00044	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
1,2,3-Trichloropropane	ND	0.0025	0.00051	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0064	0.00051	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
1,2,4-Trimethylbenzene	ND	0.0013	0.00019	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
1,3,5-Trimethylbenzene	ND	0.0013	0.00032	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
Vinyl Chloride	ND	0.0064	0.00057	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
m+p Xylene	ND	0.0025	0.00064	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF
o-Xylene	ND	0.0013	0.00038	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:00	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	99.2	70-130		6/13/19 14:00
Toluene-d8	100	70-130		6/13/19 14:00
4-Bromofluorobenzene	104	70-130		6/13/19 14:00

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-3 (0-2) Sampled: 6/11/2019 08:50

Sample ID: 19F0630-03

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.20	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
Acenaphthylene	ND	0.20	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
Acetophenone	ND	0.40	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
Aniline	ND	0.40	0.093	mg/Kg dry	1	V-34	SW-846 8270D	6/13/19	6/17/19 20:02	KLB
Anthracene	0.18	0.20	0.10	mg/Kg dry	1	J	SW-846 8270D	6/13/19	6/17/19 20:02	KLB
Benzidine	ND	0.77	0.21	mg/Kg dry	1	V-04, V-05	SW-846 8270D	6/13/19	6/17/19 20:02	KLB
Benzo(a)anthracene	1.0	0.20	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
Benzo(a)pyrene	0.92	0.20	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
Benzo(b)fluoranthene	1.3	0.20	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
Benzo(g,h,i)perylene	0.55	0.20	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
Benzo(k)fluoranthene	0.46	0.20	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
Benzoic Acid	ND	1.2	0.69	mg/Kg dry	1	UJ L-04	SW-846 8270D	6/13/19	6/17/19 20:02	KLB
Bis(2-chloroethoxy)methane	ND	0.40	0.16	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
Bis(2-chloroethyl)ether	ND	0.40	0.20	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
Bis(2-chloroisopropyl)ether	ND	0.40	0.27	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
Bis(2-Ethylhexyl)phthalate	ND	0.40	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
4-Bromophenylphenylether	ND	0.40	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
Butylbenzylphthalate	ND	0.40	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
Carbazole	0.11	0.20	0.10	mg/Kg dry	1	J	SW-846 8270D	6/13/19	6/17/19 20:02	KLB
4-Chloroaniline	ND	0.77	0.16	mg/Kg dry	1	V-34	SW-846 8270D	6/13/19	6/17/19 20:02	KLB
4-Chloro-3-methylphenol	ND	0.77	0.16	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
2-Chloronaphthalene	ND	0.40	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
2-Chlorophenol	ND	0.40	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
4-Chlorophenylphenylether	ND	0.40	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
Chrysene	1.1	0.20	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
Dibenz(a,h)anthracene	0.13	0.20	0.12	mg/Kg dry	1	J	SW-846 8270D	6/13/19	6/17/19 20:02	KLB
Dibenzofuran	ND	0.40	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
Di-n-butylphthalate	ND	0.40	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
1,2-Dichlorobenzene	ND	0.40	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
1,3-Dichlorobenzene	ND	0.40	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
1,4-Dichlorobenzene	ND	0.40	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
3,3-Dichlorobenzidine	ND	0.20	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
2,4-Dichlorophenol	ND	0.40	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
Diethylphthalate	ND	0.40	0.16	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
2,4-Dimethylphenol	ND	0.40	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
Dimethylphthalate	ND	0.40	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
4,6-Dinitro-2-methylphenol	ND	0.40	0.35	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
2,4-Dinitrophenol	ND	0.77	0.53	mg/Kg dry	1	V-05	SW-846 8270D	6/13/19	6/17/19 20:02	KLB
2,4-Dinitrotoluene	ND	0.40	0.19	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
2,6-Dinitrotoluene	ND	0.40	0.19	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
Di-n-octylphthalate	ND	0.40	0.17	mg/Kg dry	1	V-05	SW-846 8270D	6/13/19	6/17/19 20:02	KLB
1,2-Diphenylhydrazine/Azobenzene	ND	0.40	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
Fluoranthene	2.2	0.20	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
Fluorene	ND	0.20	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY
Sample Description:
Work Order: 19F0630
Date Received: 6/12/2019
Field Sample #: SB-3 (0-2)
Sampled: 6/11/2019 08:50
Sample ID: 19F0630-03
Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.40	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
Hexachlorobutadiene	ND	0.40	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
Hexachlorocyclopentadiene	ND	0.40	0.33	mg/Kg dry	1	V-05	SW-846 8270D	6/13/19	6/17/19 20:02	KLB
Hexachloroethane	ND	0.40	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
Indeno(1,2,3-cd)pyrene	0.56	0.20	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
Isophorone	ND	0.40	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
1-Methylnaphthalene	ND	0.20	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
2-Methylnaphthalene	ND	0.20	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
2-Methylphenol	ND	0.40	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
3/4-Methylphenol	ND	0.40	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
Naphthalene	ND	0.20	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
2-Nitroaniline	ND	0.40	0.23	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
3-Nitroaniline	ND	0.40	0.16	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
4-Nitroaniline	ND	0.40	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
Nitrobenzene	ND	0.40	0.16	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
2-Nitrophenol	ND	0.40	0.16	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
4-Nitrophenol	ND	0.77	0.28	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
N-Nitrosodimethylamine	ND	0.40	0.21	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
N-Nitrosodiphenylamine/Diphenylamine	ND	0.40	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
N-Nitrosodi-n-propylamine	ND	0.40	0.17	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
Pentachloronitrobenzene	ND	0.40	0.14	mg/Kg dry	1	V-16	SW-846 8270D	6/13/19	6/17/19 20:02	KLB
Pentachlorophenol	ND	0.40	0.27	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
Phenanthrene	0.96	0.20	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
Phenol	ND	0.40	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
Pyrene	1.8	0.20	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
Pyridine	ND	0.40	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
1,2,4,5-Tetrachlorobenzene	ND	0.40	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
1,2,4-Trichlorobenzene	ND	0.40	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
2,4,5-Trichlorophenol	ND	0.40	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB
2,4,6-Trichlorophenol	ND	0.40	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:02	KLB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	52.1	30-130		6/17/19 20:02
Phenol-d6	58.3	30-130		6/17/19 20:02
Nitrobenzene-d5	59.7	30-130		6/17/19 20:02
2-Fluorobiphenyl	64.5	30-130		6/17/19 20:02
2,4,6-Tribromophenol	51.0	30-130		6/17/19 20:02
p-Terphenyl-d14	71.5	30-130		6/17/19 20:02

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-3 (0-2) | Sampled: 6/11/2019 08:50

Sample ID: 19F0630-03

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.091	0.041	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 22:05	AYH
Aroclor-1221 [1]	ND	0.091	0.068	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 22:05	AYH
Aroclor-1232 [1]	ND	0.091	0.082	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 22:05	AYH
Aroclor-1242 [1]	ND	0.091	0.068	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 22:05	AYH
Aroclor-1248 [1]	ND	0.091	0.032	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 22:05	AYH
Aroclor-1254 [1]	ND	0.091	0.036	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 22:05	AYH
Aroclor-1260 [1]	ND	0.091	0.050	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 22:05	AYH
Aroclor-1262 [1]	ND	0.091	0.045	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 22:05	AYH
Aroclor-1268 [1]	ND	0.091	0.073	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 22:05	AYH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	88.2	30-150		6/18/19 22:05
Decachlorobiphenyl [2]	90.4	30-150		6/18/19 22:05
Tetrachloro-m-xylene [1]	87.3	30-150		6/18/19 22:05
Tetrachloro-m-xylene [2]	83.8	30-150		6/18/19 22:05

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Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-3 (0-2) Sampled: 6/11/2019 08:50

Sample ID: 19F0630-03

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	6.8	1.9	0.95	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 15:08	EJB
Barium	170	1.9	0.93	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 15:08	EJB
Cadmium	0.93	0.19	0.11	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 15:08	EJB
Chromium	13	0.38	0.23	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 15:08	EJB
Lead	3000	0.57	0.33	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 15:08	EJB
Mercury	0.46	0.028	0.0084	mg/Kg dry	1		SW-846 7471B	6/17/19	6/18/19 10:45	AJL
Selenium	ND	3.8	3.1	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 15:08	EJB
Silver	ND	0.38	0.22	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 15:08	EJB

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Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-3 (0-2) | Sampled: 6/11/2019 08:50

Sample ID: 19F0630-03

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.8		% Wt	1		SM 2540G	6/13/19	6/14/19 7:42	JDN

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-3 (16-18) Sampled: 6/11/2019 09:05

Sample ID: 19F0630-04

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	0.0061	0.066	0.0055	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 14:27	MFF
Acrylonitrile	ND	0.0039	0.00066	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00066	0.00020	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
Benzene	ND	0.0013	0.00039	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
Bromobenzene	ND	0.0013	0.00026	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
Bromochloromethane	ND	0.0026	0.00053	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
Bromodichloromethane	ND	0.0013	0.00033	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
Bromoform	ND	0.0026	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
Bromomethane	ND	0.0066	0.00072	mg/Kg dry	1	V-34	SW-846 8260C	6/13/19	6/13/19 14:27	MFF
2-Butanone (MEK)	ND	0.026	0.0036	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
tert-Butyl Alcohol (TBA)	ND	0.026	0.0030	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
n-Butylbenzene	ND	0.0013	0.00033	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
sec-Butylbenzene	ND	0.0013	0.00053	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
tert-Butylbenzene	ND	0.0013	0.00039	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00066	0.00013	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
Carbon Disulfide	ND	0.0039	0.0036	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
Carbon Tetrachloride	ND	0.0013	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
Chlorobenzene	ND	0.0013	0.00033	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
Chlorodibromomethane	ND	0.0013	0.00026	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
Chloroethane	ND	0.013	0.00053	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
Chloroform	ND	0.0026	0.00033	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
Chloromethane	ND	0.0066	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
2-Chlorotoluene	ND	0.0013	0.00020	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
4-Chlorotoluene	ND	0.0013	0.00026	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0013	0.00066	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
1,2-Dibromoethane (EDB)	ND	0.00066	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
Dibromomethane	ND	0.0013	0.00053	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
1,2-Dichlorobenzene	ND	0.0013	0.00026	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
1,3-Dichlorobenzene	ND	0.0013	0.00026	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
1,4-Dichlorobenzene	ND	0.0013	0.00053	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
trans-1,4-Dichloro-2-butene	ND	0.0026	0.00039	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.013	0.00072	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
1,1-Dichloroethane	ND	0.0013	0.00026	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
1,2-Dichloroethane	ND	0.0013	0.00033	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
1,1-Dichloroethylene	ND	0.0026	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
cis-1,2-Dichloroethylene	ND	0.0013	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
trans-1,2-Dichloroethylene	ND	0.0013	0.00039	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
1,2-Dichloropropane	ND	0.0013	0.00053	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
1,3-Dichloropropane	ND	0.00066	0.00033	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
2,2-Dichloropropane	ND	0.0013	0.00053	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
1,1-Dichloropropene	ND	0.0026	0.00053	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
cis-1,3-Dichloropropene	ND	0.00066	0.00026	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
trans-1,3-Dichloropropene	ND	0.00066	0.00026	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
Diethyl Ether	0.0015	0.013	0.00046	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 14:27	MFF

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-3 (16-18) Sampled: 6/11/2019 09:05

Sample ID: 19F0630-04

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.00066	0.00013	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
1,4-Dioxane	ND	0.066	0.0035	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
Ethylbenzene	ND	0.0013	0.00039	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
Hexachlorobutadiene	ND	0.0013	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
2-Hexanone (MBK)	ND	0.013	0.0013	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
Isopropylbenzene (Cumene)	ND	0.0013	0.00039	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0013	0.00033	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
Methyl Acetate	ND	0.0013	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0026	0.00020	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
Methyl Cyclohexane	ND	0.0013	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
Methylene Chloride	0.0023	0.013	0.00066	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 14:27	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.013	0.0016	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
Naphthalene	ND	0.0026	0.00026	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
n-Propylbenzene	ND	0.0013	0.00039	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
Styrene	ND	0.0013	0.00026	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
1,1,1,2-Tetrachloroethane	ND	0.0013	0.00066	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
1,1,2,2-Tetrachloroethane	ND	0.00066	0.00026	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
Tetrachloroethylene	ND	0.0013	0.00079	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
Tetrahydrofuran	ND	0.0066	0.00072	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
Toluene	0.0012	0.0013	0.00039	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 14:27	MFF
1,2,3-Trichlorobenzene	ND	0.0013	0.00066	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
1,2,4-Trichlorobenzene	ND	0.0013	0.00026	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
1,3,5-Trichlorobenzene	ND	0.0013	0.00020	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
1,1,1-Trichloroethane	ND	0.0013	0.00033	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
1,1,2-Trichloroethane	ND	0.0013	0.00026	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
Trichloroethylene	ND	0.0013	0.00053	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0066	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
1,2,3-Trichloropropane	ND	0.0026	0.00053	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0066	0.00053	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
1,2,4-Trimethylbenzene	ND	0.0013	0.00020	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
1,3,5-Trimethylbenzene	ND	0.0013	0.00033	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
Vinyl Chloride	ND	0.0066	0.00059	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
m+p Xylene	ND	0.0026	0.00066	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF
o-Xylene	ND	0.0013	0.00039	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:27	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	100	70-130		6/13/19	14:27
Toluene-d8	99.4	70-130		6/13/19	14:27
4-Bromofluorobenzene	102	70-130		6/13/19	14:27

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY
Sample Description:
Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-3 (16-18)
Sampled: 6/11/2019 09:05

Sample ID: 19F0630-04

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.18	0.095	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
Acenaphthylene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
Acetophenone	ND	0.36	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
Aniline	ND	0.36	0.084	mg/Kg dry	1	V-34	SW-846 8270D	6/13/19	6/17/19 20:28	KLB
Anthracene	ND	0.18	0.095	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
Benzidine	ND	0.70	0.19	mg/Kg dry	1	V-04, V-05	SW-846 8270D	6/13/19	6/17/19 20:28	KLB
Benzo(a)anthracene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
Benzo(a)pyrene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
Benzo(b)fluoranthene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
Benzo(g,h,i)perylene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
Benzo(k)fluoranthene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
Benzoic Acid	ND	1.1	0.62	mg/Kg dry	1	UJ L-04	SW-846 8270D	6/13/19	6/17/19 20:28	KLB
Bis(2-chloroethoxy)methane	ND	0.36	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
Bis(2-chloroethyl)ether	ND	0.36	0.18	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
Bis(2-chloroisopropyl)ether	ND	0.36	0.24	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
Bis(2-Ethylhexyl)phthalate	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
4-Bromophenylphenylether	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
Butylbenzylphthalate	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
Carbazole	ND	0.18	0.095	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
4-Chloroaniline	ND	0.70	0.15	mg/Kg dry	1	V-34	SW-846 8270D	6/13/19	6/17/19 20:28	KLB
4-Chloro-3-methylphenol	ND	0.70	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
2-Chloronaphthalene	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
2-Chlorophenol	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
4-Chlorophenylphenylether	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
Chrysene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
Dibenz(a,h)anthracene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
Dibenzofuran	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
Di-n-butylphthalate	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
1,2-Dichlorobenzene	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
1,3-Dichlorobenzene	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
1,4-Dichlorobenzene	ND	0.36	0.095	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
3,3-Dichlorobenzidine	ND	0.18	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
2,4-Dichlorophenol	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
Diethylphthalate	ND	0.36	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
2,4-Dimethylphenol	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
Dimethylphthalate	ND	0.36	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
4,6-Dinitro-2-methylphenol	ND	0.36	0.32	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
2,4-Dinitrophenol	ND	0.70	0.49	mg/Kg dry	1	V-05	SW-846 8270D	6/13/19	6/17/19 20:28	KLB
2,4-Dinitrotoluene	ND	0.36	0.17	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
2,6-Dinitrotoluene	ND	0.36	0.17	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
Di-n-octylphthalate	ND	0.36	0.16	mg/Kg dry	1	V-05	SW-846 8270D	6/13/19	6/17/19 20:28	KLB
1,2-Diphenylhydrazine/Azobenzene	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
Fluoranthene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
Fluorene	ND	0.18	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-3 (16-18) | Sampled: 6/11/2019 09:05

Sample ID: 19F0630-04

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.36	0.095	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
Hexachlorobutadiene	ND	0.36	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
Hexachlorocyclopentadiene	ND	0.36	0.30	mg/Kg dry	1	V-05	SW-846 8270D	6/13/19	6/17/19 20:28	KLB
Hexachloroethane	ND	0.36	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
Indeno(1,2,3-cd)pyrene	ND	0.18	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
Isophorone	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
1-Methylnaphthalene	ND	0.18	0.095	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
2-Methylnaphthalene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
2-Methylphenol	ND	0.36	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
3/4-Methylphenol	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
Naphthalene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
2-Nitroaniline	ND	0.36	0.21	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
3-Nitroaniline	ND	0.36	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
4-Nitroaniline	ND	0.36	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
Nitrobenzene	ND	0.36	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
2-Nitrophenol	ND	0.36	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
4-Nitrophenol	ND	0.70	0.25	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
N-Nitrosodimethylamine	ND	0.36	0.19	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
N-Nitrosodiphenylamine/Diphenylamine	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
N-Nitrosodi-n-propylamine	ND	0.36	0.16	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
Pentachloronitrobenzene	ND	0.36	0.13	mg/Kg dry	1	V-16	SW-846 8270D	6/13/19	6/17/19 20:28	KLB
Pentachlorophenol	ND	0.36	0.24	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
Phenanthrene	ND	0.18	0.095	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
Phenol	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
Pyrene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
Pyridine	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
1,2,4,5-Tetrachlorobenzene	ND	0.36	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
1,2,4-Trichlorobenzene	ND	0.36	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
2,4,5-Trichlorophenol	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB
2,4,6-Trichlorophenol	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:28	KLB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	64.8	30-130		6/17/19 20:28
Phenol-d6	69.7	30-130		6/17/19 20:28
Nitrobenzene-d5	70.8	30-130		6/17/19 20:28
2-Fluorobiphenyl	74.2	30-130		6/17/19 20:28
2,4,6-Tribromophenol	71.7	30-130		6/17/19 20:28
p-Terphenyl-d14	79.7	30-130		6/17/19 20:28

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-3 (16-18) | Sampled: 6/11/2019 09:05

Sample ID: 19F0630-04

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.082	0.037	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 22:17	AYH
Aroclor-1221 [1]	ND	0.082	0.062	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 22:17	AYH
Aroclor-1232 [1]	ND	0.082	0.074	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 22:17	AYH
Aroclor-1242 [1]	ND	0.082	0.062	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 22:17	AYH
Aroclor-1248 [1]	ND	0.082	0.029	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 22:17	AYH
Aroclor-1254 [1]	ND	0.082	0.033	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 22:17	AYH
Aroclor-1260 [1]	ND	0.082	0.045	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 22:17	AYH
Aroclor-1262 [1]	ND	0.082	0.041	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 22:17	AYH
Aroclor-1268 [1]	ND	0.082	0.066	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 22:17	AYH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	90.2	30-150		6/18/19 22:17
Decachlorobiphenyl [2]	90.9	30-150		6/18/19 22:17
Tetrachloro-m-xylene [1]	78.7	30-150		6/18/19 22:17
Tetrachloro-m-xylene [2]	76.6	30-150		6/18/19 22:17

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-3 (16-18) Sampled: 6/11/2019 09:05

Sample ID: 19F0630-04

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	2.4	1.7	0.88	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 14:53	EJB
Barium	29	1.7	0.86	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 14:53	EJB
Cadmium	0.18	0.17	0.11	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 14:53	EJB
Chromium	6.8	0.35	0.21	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 14:53	EJB
Lead	6.0	0.52	0.31	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 14:53	EJB
Mercury	0.0089	0.027	0.0081	mg/Kg dry	1	J	SW-846 7471B	6/17/19	6/18/19 10:30	AJL
Selenium	ND	3.5	2.9	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 14:53	EJB
Silver	ND	0.35	0.20	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 14:53	EJB

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Project Location: 615 Broadway, Kingston, NY
Sample Description:
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Field Sample #: SB-3 (16-18)
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Sample ID: 19F0630-04

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	94.7		% Wt	1		SM 2540G	6/13/19	6/14/19 7:42	JDN

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY
Sample Description:
Work Order: 19F0630
Date Received: 6/12/2019
Field Sample #: SB-4 (0-2)
Sampled: 6/11/2019 10:30
Sample ID: 19F0630-05
Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	0.024	0.087	0.0073	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 14:55	MFF
Acrylonitrile	ND	0.0052	0.00087	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00087	0.00026	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
Benzene	ND	0.0017	0.00052	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
Bromobenzene	ND	0.0017	0.00035	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
Bromochloromethane	ND	0.0035	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
Bromodichloromethane	ND	0.0017	0.00043	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
Bromoform	ND	0.0035	0.00061	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
Bromomethane	ND	0.0087	0.00095	mg/Kg dry	1	V-34	SW-846 8260C	6/13/19	6/13/19 14:55	MFF
2-Butanone (MEK)	ND	0.035	0.0048	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
tert-Butyl Alcohol (TBA)	ND	0.035	0.0039	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
n-Butylbenzene	ND	0.0017	0.00043	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
sec-Butylbenzene	ND	0.0017	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
tert-Butylbenzene	ND	0.0017	0.00052	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00087	0.00017	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
Carbon Disulfide	ND	0.0052	0.0047	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
Carbon Tetrachloride	ND	0.0017	0.00061	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
Chlorobenzene	ND	0.0017	0.00043	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
Chlorodibromomethane	ND	0.0017	0.00035	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
Chloroethane	ND	0.017	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
Chloroform	ND	0.0035	0.00043	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
Chloromethane	ND	0.0087	0.00061	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
2-Chlorotoluene	ND	0.0017	0.00026	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
4-Chlorotoluene	ND	0.0017	0.00035	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0017	0.00087	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
1,2-Dibromoethane (EDB)	ND	0.00087	0.00061	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
Dibromomethane	ND	0.0017	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
1,2-Dichlorobenzene	ND	0.0017	0.00035	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
1,3-Dichlorobenzene	ND	0.0017	0.00035	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
1,4-Dichlorobenzene	ND	0.0017	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
trans-1,4-Dichloro-2-butene	ND	0.0035	0.00052	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.017	0.00095	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
1,1-Dichloroethane	ND	0.0017	0.00035	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
1,2-Dichloroethane	ND	0.0017	0.00043	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
1,1-Dichloroethylene	ND	0.0035	0.00061	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
cis-1,2-Dichloroethylene	ND	0.0017	0.00061	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
trans-1,2-Dichloroethylene	ND	0.0017	0.00052	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
1,2-Dichloropropane	ND	0.0017	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
1,3-Dichloropropane	ND	0.00087	0.00043	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
2,2-Dichloropropane	ND	0.0017	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
1,1-Dichloropropene	ND	0.0035	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
cis-1,3-Dichloropropene	ND	0.00087	0.00035	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
trans-1,3-Dichloropropene	ND	0.00087	0.00035	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
Diethyl Ether	0.0020	0.017	0.00061	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 14:55	MFF

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Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-4 (0-2) Sampled: 6/11/2019 10:30

Sample ID: 19F0630-05

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.00087	0.00017	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
1,4-Dioxane	ND	0.087	0.0046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
Ethylbenzene	ND	0.0017	0.00052	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
Hexachlorobutadiene	ND	0.0017	0.00061	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
2-Hexanone (MBK)	ND	0.017	0.0017	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
Isopropylbenzene (Cumene)	ND	0.0017	0.00052	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0017	0.00043	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
Methyl Acetate	ND	0.0017	0.00061	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0035	0.00026	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
Methyl Cyclohexane	ND	0.0017	0.00061	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
Methylene Chloride	0.0028	0.017	0.00087	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 14:55	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.017	0.0022	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
Naphthalene	ND	0.0035	0.00035	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
n-Propylbenzene	ND	0.0017	0.00052	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
Styrene	ND	0.0017	0.00035	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
1,1,1,2-Tetrachloroethane	ND	0.0017	0.00087	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
1,1,2,2-Tetrachloroethane	ND	0.00087	0.00035	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
Tetrachloroethylene	ND	0.0017	0.0010	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
Tetrahydrofuran	ND	0.0087	0.00095	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
Toluene	ND	0.0017	0.00052	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
1,2,3-Trichlorobenzene	ND	0.0017	0.00087	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
1,2,4-Trichlorobenzene	ND	0.0017	0.00035	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
1,3,5-Trichlorobenzene	ND	0.0017	0.00026	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
1,1,1-Trichloroethane	ND	0.0017	0.00043	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
1,1,2-Trichloroethane	ND	0.0017	0.00035	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
Trichloroethylene	ND	0.0017	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0087	0.00061	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
1,2,3-Trichloropropane	ND	0.0035	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0087	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
1,2,4-Trimethylbenzene	ND	0.0017	0.00026	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
1,3,5-Trimethylbenzene	ND	0.0017	0.00043	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
Vinyl Chloride	ND	0.0087	0.00078	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
m+p Xylene	ND	0.0035	0.00087	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF
o-Xylene	ND	0.0017	0.00052	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 14:55	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	98.3	70-130		6/13/19 14:55
Toluene-d8	98.2	70-130		6/13/19 14:55
4-Bromofluorobenzene	98.6	70-130		6/13/19 14:55

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-4 (0-2) Sampled: 6/11/2019 10:30

Sample ID: 19F0630-05

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.18	0.098	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
Acenaphthylene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
Acetophenone	ND	0.37	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
Aniline	ND	0.37	0.087	mg/Kg dry	1	V-34	SW-846 8270D	6/13/19	6/17/19 20:54	KLB
Anthracene	ND	0.18	0.098	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
Benzidine	ND	0.72	0.20	mg/Kg dry	1	V-04, V-05	SW-846 8270D	6/13/19	6/17/19 20:54	KLB
Benzo(a)anthracene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
Benzo(a)pyrene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
Benzo(b)fluoranthene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
Benzo(g,h,i)perylene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
Benzo(k)fluoranthene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
Benzoic Acid	ND	1.1	0.64	mg/Kg dry	1	UJ L-04	SW-846 8270D	6/13/19	6/17/19 20:54	KLB
Bis(2-chloroethoxy)methane	ND	0.37	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
Bis(2-chloroethyl)ether	ND	0.37	0.18	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
Bis(2-chloroisopropyl)ether	ND	0.37	0.25	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
Bis(2-Ethylhexyl)phthalate	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
4-Bromophenylphenylether	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
Butylbenzylphthalate	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
Carbazole	ND	0.18	0.098	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
4-Chloroaniline	ND	0.72	0.15	mg/Kg dry	1	V-34	SW-846 8270D	6/13/19	6/17/19 20:54	KLB
4-Chloro-3-methylphenol	ND	0.72	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
2-Chloronaphthalene	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
2-Chlorophenol	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
4-Chlorophenylphenylether	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
Chrysene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
Dibenz(a,h)anthracene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
Dibenzofuran	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
Di-n-butylphthalate	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
1,2-Dichlorobenzene	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
1,3-Dichlorobenzene	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
1,4-Dichlorobenzene	ND	0.37	0.098	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
3,3-Dichlorobenzidine	ND	0.18	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
2,4-Dichlorophenol	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
Diethylphthalate	ND	0.37	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
2,4-Dimethylphenol	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
Dimethylphthalate	ND	0.37	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
4,6-Dinitro-2-methylphenol	ND	0.37	0.33	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
2,4-Dinitrophenol	ND	0.72	0.50	mg/Kg dry	1	V-05	SW-846 8270D	6/13/19	6/17/19 20:54	KLB
2,4-Dinitrotoluene	ND	0.37	0.17	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
2,6-Dinitrotoluene	ND	0.37	0.17	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
Di-n-octylphthalate	ND	0.37	0.16	mg/Kg dry	1	V-05	SW-846 8270D	6/13/19	6/17/19 20:54	KLB
1,2-Diphenylhydrazine/Azobenzene	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
Fluoranthene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
Fluorene	ND	0.18	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB

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Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-4 (0-2) Sampled: 6/11/2019 10:30

Sample ID: 19F0630-05

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.37	0.098	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
Hexachlorobutadiene	ND	0.37	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
Hexachlorocyclopentadiene	ND	0.37	0.30	mg/Kg dry	1	V-05	SW-846 8270D	6/13/19	6/17/19 20:54	KLB
Hexachloroethane	ND	0.37	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
Indeno(1,2,3-cd)pyrene	ND	0.18	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
Isophorone	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
1-Methylnaphthalene	ND	0.18	0.098	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
2-Methylnaphthalene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
2-Methylphenol	ND	0.37	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
3/4-Methylphenol	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
Naphthalene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
2-Nitroaniline	ND	0.37	0.22	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
3-Nitroaniline	ND	0.37	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
4-Nitroaniline	ND	0.37	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
Nitrobenzene	ND	0.37	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
2-Nitrophenol	ND	0.37	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
4-Nitrophenol	ND	0.72	0.26	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
N-Nitrosodimethylamine	ND	0.37	0.20	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
N-Nitrosodiphenylamine/Diphenylamine	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
N-Nitrosodi-n-propylamine	ND	0.37	0.16	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
Pentachloronitrobenzene	ND	0.37	0.13	mg/Kg dry	1	V-16	SW-846 8270D	6/13/19	6/17/19 20:54	KLB
Pentachlorophenol	ND	0.37	0.25	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
Phenanthrene	ND	0.18	0.098	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
Phenol	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
Pyrene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
Pyridine	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
1,2,4,5-Tetrachlorobenzene	ND	0.37	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
1,2,4-Trichlorobenzene	ND	0.37	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
2,4,5-Trichlorophenol	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB
2,4,6-Trichlorophenol	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 20:54	KLB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	50.0	30-130		6/17/19 20:54
Phenol-d6	58.8	30-130		6/17/19 20:54
Nitrobenzene-d5	54.8	30-130		6/17/19 20:54
2-Fluorobiphenyl	65.5	30-130		6/17/19 20:54
2,4,6-Tribromophenol	63.0	30-130		6/17/19 20:54
p-Terphenyl-d14	72.9	30-130		6/17/19 20:54

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY
Sample Description:
Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-4 (0-2)
Sampled: 6/11/2019 10:30

Sample ID: 19F0630-05

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	3.3	1.8	0.89	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 16:49	EJB
Barium	45	1.8	0.87	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 16:49	EJB
Cadmium	0.29	0.18	0.11	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 16:49	EJB
Chromium	9.3	0.35	0.22	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 16:49	EJB
Lead	37	0.53	0.31	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 16:49	EJB
Mercury	0.12	0.026	0.0077	mg/Kg dry	1		SW-846 7471B	6/17/19	6/18/19 10:47	AJL
Selenium	ND	3.5	2.9	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 16:49	EJB
Silver	ND	0.35	0.21	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 16:49	EJB

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-4 (0-2) | Sampled: 6/11/2019 10:30

Sample ID: 19F0630-05

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	91.9		% Wt	1		SM 2540G	6/13/19	6/14/19 7:43	JDN

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Project Location: 615 Broadway, Kingston, NY
Sample Description:
Work Order: 19F0630
Date Received: 6/12/2019
Field Sample #: SB-4 (18-20)
Sampled: 6/11/2019 11:05
Sample ID: 19F0630-06
Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	0.0098	0.083	0.0070	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 15:22	MFF
Acrylonitrile	ND	0.0050	0.00083	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00083	0.00025	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
Benzene	ND	0.0017	0.00050	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
Bromobenzene	ND	0.0017	0.00033	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
Bromochloromethane	ND	0.0033	0.00067	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
Bromodichloromethane	ND	0.0017	0.00042	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
Bromoform	ND	0.0033	0.00058	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
Bromomethane	ND	0.0083	0.00091	mg/Kg dry	1	V-34	SW-846 8260C	6/13/19	6/13/19 15:22	MFF
2-Butanone (MEK)	ND	0.033	0.0046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
tert-Butyl Alcohol (TBA)	ND	0.033	0.0037	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
n-Butylbenzene	ND	0.0017	0.00042	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
sec-Butylbenzene	ND	0.0017	0.00067	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
tert-Butylbenzene	ND	0.0017	0.00050	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00083	0.00017	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
Carbon Disulfide	ND	0.0050	0.0045	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
Carbon Tetrachloride	ND	0.0017	0.00058	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
Chlorobenzene	ND	0.0017	0.00042	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
Chlorodibromomethane	ND	0.0017	0.00033	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
Chloroethane	ND	0.017	0.00067	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
Chloroform	ND	0.0033	0.00042	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
Chloromethane	ND	0.0083	0.00058	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
2-Chlorotoluene	ND	0.0017	0.00025	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
4-Chlorotoluene	ND	0.0017	0.00033	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0017	0.00083	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
1,2-Dibromoethane (EDB)	ND	0.00083	0.00058	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
Dibromomethane	ND	0.0017	0.00067	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
1,2-Dichlorobenzene	ND	0.0017	0.00033	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
1,3-Dichlorobenzene	ND	0.0017	0.00033	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
1,4-Dichlorobenzene	ND	0.0017	0.00067	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
trans-1,4-Dichloro-2-butene	ND	0.0033	0.00050	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.017	0.00091	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
1,1-Dichloroethane	ND	0.0017	0.00033	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
1,2-Dichloroethane	ND	0.0017	0.00042	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
1,1-Dichloroethylene	ND	0.0033	0.00058	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
cis-1,2-Dichloroethylene	ND	0.0017	0.00058	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
trans-1,2-Dichloroethylene	ND	0.0017	0.00050	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
1,2-Dichloropropane	ND	0.0017	0.00067	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
1,3-Dichloropropane	ND	0.00083	0.00042	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
2,2-Dichloropropane	ND	0.0017	0.00067	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
1,1-Dichloropropene	ND	0.0033	0.00067	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
cis-1,3-Dichloropropene	ND	0.00083	0.00033	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
trans-1,3-Dichloropropene	ND	0.00083	0.00033	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
Diethyl Ether	0.0019	0.017	0.00058	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 15:22	MFF

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-4 (18-20) | Sampled: 6/11/2019 11:05

Sample ID: 19F0630-06

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.00083	0.00017	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
1,4-Dioxane	ND	0.083	0.0044	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
Ethylbenzene	ND	0.0017	0.00050	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
Hexachlorobutadiene	ND	0.0017	0.00058	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
2-Hexanone (MBK)	ND	0.017	0.0017	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
Isopropylbenzene (Cumene)	ND	0.0017	0.00050	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0017	0.00042	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
Methyl Acetate	ND	0.0017	0.00058	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0033	0.00025	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
Methyl Cyclohexane	ND	0.0017	0.00058	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
Methylene Chloride	0.0022	0.017	0.00083	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 15:22	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.017	0.0021	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
Naphthalene	ND	0.0033	0.00033	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
n-Propylbenzene	ND	0.0017	0.00050	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
Styrene	ND	0.0017	0.00033	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
1,1,1,2-Tetrachloroethane	ND	0.0017	0.00083	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
1,1,2,2-Tetrachloroethane	ND	0.00083	0.00033	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
Tetrachloroethylene	ND	0.0017	0.0010	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
Tetrahydrofuran	ND	0.0083	0.00091	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
Toluene	ND	0.0017	0.00050	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
1,2,3-Trichlorobenzene	ND	0.0017	0.00083	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
1,2,4-Trichlorobenzene	ND	0.0017	0.00033	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
1,3,5-Trichlorobenzene	ND	0.0017	0.00025	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
1,1,1-Trichloroethane	ND	0.0017	0.00042	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
1,1,2-Trichloroethane	ND	0.0017	0.00033	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
Trichloroethylene	ND	0.0017	0.00067	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0083	0.00058	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
1,2,3-Trichloropropane	ND	0.0033	0.00067	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0083	0.00067	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
1,2,4-Trimethylbenzene	ND	0.0017	0.00025	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
1,3,5-Trimethylbenzene	ND	0.0017	0.00042	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
Vinyl Chloride	ND	0.0083	0.00075	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
m+p Xylene	ND	0.0033	0.00083	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF
o-Xylene	ND	0.0017	0.00050	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:22	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	99.1	70-130		6/13/19 15:22
Toluene-d8	99.4	70-130		6/13/19 15:22
4-Bromofluorobenzene	99.8	70-130		6/13/19 15:22

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-4 (18-20) Sampled: 6/11/2019 11:05

Sample ID: 19F0630-06

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.18	0.093	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
Acenaphthylene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
Acetophenone	ND	0.35	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
Aniline	ND	0.35	0.083	mg/Kg dry	1	V-34	SW-846 8270D	6/13/19	6/17/19 21:19	KLB
Anthracene	ND	0.18	0.093	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
Benzidine	ND	0.68	0.19	mg/Kg dry	1	V-04, V-05	SW-846 8270D	6/13/19	6/17/19 21:19	KLB
Benzo(a)anthracene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
Benzo(a)pyrene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
Benzo(b)fluoranthene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
Benzo(g,h,i)perylene	ND	0.18	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
Benzo(k)fluoranthene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
Benzoic Acid	ND	1.0	0.61	mg/Kg dry	1	UJ L-04	SW-846 8270D	6/13/19	6/17/19 21:19	KLB
Bis(2-chloroethoxy)methane	ND	0.35	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
Bis(2-chloroethyl)ether	ND	0.35	0.18	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
Bis(2-chloroisopropyl)ether	ND	0.35	0.24	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
Bis(2-Ethylhexyl)phthalate	ND	0.35	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
4-Bromophenylphenylether	ND	0.35	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
Butylbenzylphthalate	ND	0.35	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
Carbazole	ND	0.18	0.093	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
4-Chloroaniline	ND	0.68	0.14	mg/Kg dry	1	V-34	SW-846 8270D	6/13/19	6/17/19 21:19	KLB
4-Chloro-3-methylphenol	ND	0.68	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
2-Chloronaphthalene	ND	0.35	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
2-Chlorophenol	ND	0.35	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
4-Chlorophenylphenylether	ND	0.35	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
Chrysene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
Dibenz(a,h)anthracene	ND	0.18	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
Dibenzofuran	ND	0.35	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
Di-n-butylphthalate	ND	0.35	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
1,2-Dichlorobenzene	ND	0.35	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
1,3-Dichlorobenzene	ND	0.35	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
1,4-Dichlorobenzene	ND	0.35	0.093	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
3,3-Dichlorobenzidine	ND	0.18	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
2,4-Dichlorophenol	ND	0.35	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
Diethylphthalate	ND	0.35	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
2,4-Dimethylphenol	ND	0.35	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
Dimethylphthalate	ND	0.35	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
4,6-Dinitro-2-methylphenol	ND	0.35	0.31	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
2,4-Dinitrophenol	ND	0.68	0.48	mg/Kg dry	1	V-05	SW-846 8270D	6/13/19	6/17/19 21:19	KLB
2,4-Dinitrotoluene	ND	0.35	0.17	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
2,6-Dinitrotoluene	ND	0.35	0.17	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
Di-n-octylphthalate	ND	0.35	0.15	mg/Kg dry	1	V-05	SW-846 8270D	6/13/19	6/17/19 21:19	KLB
1,2-Diphenylhydrazine/Azobenzene	ND	0.35	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
Fluoranthene	ND	0.18	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
Fluorene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-4 (18-20) Sampled: 6/11/2019 11:05

Sample ID: 19F0630-06

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.35	0.093	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
Hexachlorobutadiene	ND	0.35	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
Hexachlorocyclopentadiene	ND	0.35	0.29	mg/Kg dry	1	V-05	SW-846 8270D	6/13/19	6/17/19 21:19	KLB
Hexachloroethane	ND	0.35	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
Indeno(1,2,3-cd)pyrene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
Isophorone	ND	0.35	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
1-Methylnaphthalene	ND	0.18	0.093	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
2-Methylnaphthalene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
2-Methylphenol	ND	0.35	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
3/4-Methylphenol	ND	0.35	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
Naphthalene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
2-Nitroaniline	ND	0.35	0.21	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
3-Nitroaniline	ND	0.35	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
4-Nitroaniline	ND	0.35	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
Nitrobenzene	ND	0.35	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
2-Nitrophenol	ND	0.35	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
4-Nitrophenol	ND	0.68	0.25	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
N-Nitrosodimethylamine	ND	0.35	0.19	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
N-Nitrosodiphenylamine/Diphenylamine	ND	0.35	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
N-Nitrosodi-n-propylamine	ND	0.35	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
Pentachloronitrobenzene	ND	0.35	0.12	mg/Kg dry	1	V-16	SW-846 8270D	6/13/19	6/17/19 21:19	KLB
Pentachlorophenol	ND	0.35	0.24	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
Phenanthrene	ND	0.18	0.093	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
Phenol	ND	0.35	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
Pyrene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
Pyridine	ND	0.35	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
1,2,4,5-Tetrachlorobenzene	ND	0.35	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
1,2,4-Trichlorobenzene	ND	0.35	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
2,4,5-Trichlorophenol	ND	0.35	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB
2,4,6-Trichlorophenol	ND	0.35	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:19	KLB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	62.5	30-130		6/17/19 21:19
Phenol-d6	68.1	30-130		6/17/19 21:19
Nitrobenzene-d5	69.0	30-130		6/17/19 21:19
2-Fluorobiphenyl	73.0	30-130		6/17/19 21:19
2,4,6-Tribromophenol	62.1	30-130		6/17/19 21:19
p-Terphenyl-d14	78.2	30-130		6/17/19 21:19

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-4 (18-20) Sampled: 6/11/2019 11:05

Sample ID: 19F0630-06

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	2.1	1.7	0.84	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 15:29	EJB
Barium	29	1.7	0.82	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 15:29	EJB
Cadmium	0.20	0.17	0.10	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 15:29	EJB
Chromium	7.8	0.33	0.20	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 15:29	EJB
Lead	5.9	0.50	0.29	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 15:29	EJB
Mercury	0.013	0.024	0.0073	mg/Kg dry	1	J	SW-846 7471B	6/17/19	6/18/19 10:48	AJL
Selenium	ND	3.3	2.7	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 15:29	EJB
Silver	ND	0.33	0.19	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 15:29	EJB

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Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-4 (18-20) | Sampled: 6/11/2019 11:05

Sample ID: 19F0630-06

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	96.5		% Wt	1		SM 2540G	6/13/19	6/14/19 7:43	JDN

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Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-5 (0-2) Sampled: 6/11/2019 12:40

Sample ID: 19F0630-07

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	0.029	0.090	0.0076	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 15:49	MFF
Acrylonitrile	ND	0.0054	0.00090	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00090	0.00027	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
Benzene	ND	0.0018	0.00054	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
Bromobenzene	ND	0.0018	0.00036	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
Bromochloromethane	ND	0.0036	0.00072	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
Bromodichloromethane	ND	0.0018	0.00045	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
Bromoform	ND	0.0036	0.00063	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
Bromomethane	ND	0.0090	0.00099	mg/Kg dry	1	V-34	SW-846 8260C	6/13/19	6/13/19 15:49	MFF
2-Butanone (MEK)	ND	0.036	0.0050	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
tert-Butyl Alcohol (TBA)	ND	0.036	0.0041	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
n-Butylbenzene	ND	0.0018	0.00045	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
sec-Butylbenzene	ND	0.0018	0.00072	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
tert-Butylbenzene	ND	0.0018	0.00054	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00090	0.00018	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
Carbon Disulfide	ND	0.0054	0.0049	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
Carbon Tetrachloride	ND	0.0018	0.00063	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
Chlorobenzene	ND	0.0018	0.00045	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
Chlorodibromomethane	ND	0.0018	0.00036	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
Chloroethane	ND	0.018	0.00072	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
Chloroform	ND	0.0036	0.00045	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
Chloromethane	ND	0.0090	0.00063	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
2-Chlorotoluene	ND	0.0018	0.00027	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
4-Chlorotoluene	ND	0.0018	0.00036	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0018	0.00090	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
1,2-Dibromoethane (EDB)	ND	0.00090	0.00063	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
Dibromomethane	ND	0.0018	0.00072	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
1,2-Dichlorobenzene	ND	0.0018	0.00036	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
1,3-Dichlorobenzene	ND	0.0018	0.00036	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
1,4-Dichlorobenzene	ND	0.0018	0.00072	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
trans-1,4-Dichloro-2-butene	ND	0.0036	0.00054	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.018	0.00099	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
1,1-Dichloroethane	ND	0.0018	0.00036	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
1,2-Dichloroethane	ND	0.0018	0.00045	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
1,1-Dichloroethylene	ND	0.0036	0.00063	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
cis-1,2-Dichloroethylene	ND	0.0018	0.00063	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
trans-1,2-Dichloroethylene	ND	0.0018	0.00054	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
1,2-Dichloropropane	ND	0.0018	0.00072	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
1,3-Dichloropropane	ND	0.00090	0.00045	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
2,2-Dichloropropane	ND	0.0018	0.00072	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
1,1-Dichloropropene	ND	0.0036	0.00072	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
cis-1,3-Dichloropropene	ND	0.00090	0.00036	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
trans-1,3-Dichloropropene	ND	0.00090	0.00036	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
Diethyl Ether	0.0012	0.018	0.00063	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 15:49	MFF

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-5 (0-2) | Sampled: 6/11/2019 12:40

Sample ID: 19F0630-07

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.00090	0.00018	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
1,4-Dioxane	ND	0.090	0.0048	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
Ethylbenzene	ND	0.0018	0.00054	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
Hexachlorobutadiene	ND	0.0018	0.00063	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
2-Hexanone (MBK)	ND	0.018	0.0018	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
Isopropylbenzene (Cumene)	ND	0.0018	0.00054	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0018	0.00045	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
Methyl Acetate	ND	0.0018	0.00063	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0036	0.00027	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
Methyl Cyclohexane	ND	0.0018	0.00063	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
Methylene Chloride	0.0018	0.018	0.00090	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 15:49	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.018	0.0023	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
Naphthalene	ND	0.0036	0.00036	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
n-Propylbenzene	ND	0.0018	0.00054	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
Styrene	ND	0.0018	0.00036	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
1,1,1,2-Tetrachloroethane	ND	0.0018	0.00090	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
1,1,2,2-Tetrachloroethane	ND	0.00090	0.00036	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
Tetrachloroethylene	ND	0.0018	0.0011	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
Tetrahydrofuran	ND	0.0090	0.00099	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
Toluene	ND	0.0018	0.00054	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
1,2,3-Trichlorobenzene	ND	0.0018	0.00090	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
1,2,4-Trichlorobenzene	ND	0.0018	0.00036	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
1,3,5-Trichlorobenzene	ND	0.0018	0.00027	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
1,1,1-Trichloroethane	ND	0.0018	0.00045	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
1,1,2-Trichloroethane	ND	0.0018	0.00036	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
Trichloroethylene	ND	0.0018	0.00072	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0090	0.00063	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
1,2,3-Trichloropropane	ND	0.0036	0.00072	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0090	0.00072	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
1,2,4-Trimethylbenzene	ND	0.0018	0.00027	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
1,3,5-Trimethylbenzene	ND	0.0018	0.00045	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
Vinyl Chloride	ND	0.0090	0.00081	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
m+p Xylene	ND	0.0036	0.00090	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF
o-Xylene	ND	0.0018	0.00054	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 15:49	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	104	70-130		6/13/19 15:49
Toluene-d8	99.2	70-130		6/13/19 15:49
4-Bromofluorobenzene	100	70-130		6/13/19 15:49

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-5 (0-2) Sampled: 6/11/2019 12:40

Sample ID: 19F0630-07

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.19	0.099	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
Acenaphthylene	ND	0.19	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
Acetophenone	ND	0.38	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
Aniline	ND	0.38	0.088	mg/Kg dry	1	V-34	SW-846 8270D	6/13/19	6/17/19 21:45	KLB
Anthracene	ND	0.19	0.099	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
Benzidine	ND	0.73	0.20	mg/Kg dry	1	V-04, V-05	SW-846 8270D	6/13/19	6/17/19 21:45	KLB
Benzo(a)anthracene	0.55	0.19	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
Benzo(a)pyrene	0.45	0.19	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
Benzo(b)fluoranthene	0.66	0.19	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
Benzo(g,h,i)perylene	0.25	0.19	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
Benzo(k)fluoranthene	0.22	0.19	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
Benzoic Acid	ND	1.1	0.65	mg/Kg dry	1	UJ L-04	SW-846 8270D	6/13/19	6/17/19 21:45	KLB
Bis(2-chloroethoxy)methane	ND	0.38	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
Bis(2-chloroethyl)ether	ND	0.38	0.19	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
Bis(2-chloroisopropyl)ether	ND	0.38	0.25	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
Bis(2-Ethylhexyl)phthalate	ND	0.38	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
4-Bromophenylphenylether	ND	0.38	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
Butylbenzylphthalate	ND	0.38	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
Carbazole	ND	0.19	0.099	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
4-Chloroaniline	ND	0.73	0.15	mg/Kg dry	1	V-34	SW-846 8270D	6/13/19	6/17/19 21:45	KLB
4-Chloro-3-methylphenol	ND	0.73	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
2-Chloronaphthalene	ND	0.38	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
2-Chlorophenol	ND	0.38	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
4-Chlorophenylphenylether	ND	0.38	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
Chrysene	0.56	0.19	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
Dibenz(a,h)anthracene	ND	0.19	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
Dibenzofuran	ND	0.38	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
Di-n-butylphthalate	ND	0.38	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
1,2-Dichlorobenzene	ND	0.38	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
1,3-Dichlorobenzene	ND	0.38	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
1,4-Dichlorobenzene	ND	0.38	0.099	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
3,3-Dichlorobenzidine	ND	0.19	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
2,4-Dichlorophenol	ND	0.38	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
Diethylphthalate	ND	0.38	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
2,4-Dimethylphenol	ND	0.38	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
Dimethylphthalate	ND	0.38	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
4,6-Dinitro-2-methylphenol	ND	0.38	0.33	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
2,4-Dinitrophenol	ND	0.73	0.51	mg/Kg dry	1	V-05	SW-846 8270D	6/13/19	6/17/19 21:45	KLB
2,4-Dinitrotoluene	ND	0.38	0.18	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
2,6-Dinitrotoluene	ND	0.38	0.18	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
Di-n-octylphthalate	ND	0.38	0.17	mg/Kg dry	1	V-05	SW-846 8270D	6/13/19	6/17/19 21:45	KLB
1,2-Diphenylhydrazine/Azobenzene	ND	0.38	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
Fluoranthene	1.0	0.19	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
Fluorene	ND	0.19	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-5 (0-2) | Sampled: 6/11/2019 12:40

Sample ID: 19F0630-07

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.38	0.099	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
Hexachlorobutadiene	ND	0.38	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
Hexachlorocyclopentadiene	ND	0.38	0.31	mg/Kg dry	1	V-05	SW-846 8270D	6/13/19	6/17/19 21:45	KLB
Hexachloroethane	ND	0.38	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
Indeno(1,2,3-cd)pyrene	0.27	0.19	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
Isophorone	ND	0.38	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
1-Methylnaphthalene	ND	0.19	0.099	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
2-Methylnaphthalene	ND	0.19	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
2-Methylphenol	ND	0.38	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
3/4-Methylphenol	ND	0.38	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
Naphthalene	ND	0.19	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
2-Nitroaniline	ND	0.38	0.22	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
3-Nitroaniline	ND	0.38	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
4-Nitroaniline	ND	0.38	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
Nitrobenzene	ND	0.38	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
2-Nitrophenol	ND	0.38	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
4-Nitrophenol	ND	0.73	0.27	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
N-Nitrosodimethylamine	ND	0.38	0.20	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
N-Nitrosodiphenylamine/Diphenylamine	ND	0.38	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
N-Nitrosodi-n-propylamine	ND	0.38	0.17	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
Pentachloronitrobenzene	ND	0.38	0.13	mg/Kg dry	1	V-16	SW-846 8270D	6/13/19	6/17/19 21:45	KLB
Pentachlorophenol	ND	0.38	0.25	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
Phenanthrene	0.40	0.19	0.099	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
Phenol	ND	0.38	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
Pyrene	0.84	0.19	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
Pyridine	ND	0.38	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
1,2,4,5-Tetrachlorobenzene	ND	0.38	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
1,2,4-Trichlorobenzene	ND	0.38	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
2,4,5-Trichlorophenol	ND	0.38	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB
2,4,6-Trichlorophenol	ND	0.38	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 21:45	KLB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	61.8	30-130		6/17/19 21:45
Phenol-d6	68.4	30-130		6/17/19 21:45
Nitrobenzene-d5	67.3	30-130		6/17/19 21:45
2-Fluorobiphenyl	75.0	30-130		6/17/19 21:45
2,4,6-Tribromophenol	69.9	30-130		6/17/19 21:45
p-Terphenyl-d14	79.6	30-130		6/17/19 21:45

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-5 (0-2) | Sampled: 6/11/2019 12:40

Sample ID: 19F0630-07

Sample Matrix: Soil

Sample Flags: DL-04

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.90	0.40	mg/Kg dry	40		SW-846 8082A	6/16/19	6/19/19 10:12	AYH
Aroclor-1221 [1]	ND	0.90	0.67	mg/Kg dry	40		SW-846 8082A	6/16/19	6/19/19 10:12	AYH
Aroclor-1232 [1]	ND	0.90	0.81	mg/Kg dry	40		SW-846 8082A	6/16/19	6/19/19 10:12	AYH
Aroclor-1242 [1]	ND	0.90	0.67	mg/Kg dry	40		SW-846 8082A	6/16/19	6/19/19 10:12	AYH
Aroclor-1248 [1]	ND	0.90	0.31	mg/Kg dry	40		SW-846 8082A	6/16/19	6/19/19 10:12	AYH
Aroclor-1254 [1]	ND	0.90	0.36	mg/Kg dry	40		SW-846 8082A	6/16/19	6/19/19 10:12	AYH
Aroclor-1260 [1]	ND	0.90	0.49	mg/Kg dry	40		SW-846 8082A	6/16/19	6/19/19 10:12	AYH
Aroclor-1262 [1]	ND	0.90	0.45	mg/Kg dry	40		SW-846 8082A	6/16/19	6/19/19 10:12	AYH
Aroclor-1268 [1]	ND	0.90	0.72	mg/Kg dry	40		SW-846 8082A	6/16/19	6/19/19 10:12	AYH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	*	30-150	S-01	6/19/19 10:12
Decachlorobiphenyl [2]	*	30-150	S-01	6/19/19 10:12
Tetrachloro-m-xylene [1]	*	30-150	S-01	6/19/19 10:12
Tetrachloro-m-xylene [2]	*	30-150	S-01	6/19/19 10:12

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-5 (0-2) Sampled: 6/11/2019 12:40

Sample ID: 19F0630-07

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	4.7	1.9	0.94	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 15:48	EJB
Barium	120	1.9	0.92	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 15:48	EJB
Cadmium	0.53	0.19	0.11	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 15:48	EJB
Chromium	11	0.37	0.23	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 15:48	EJB
Lead	220	0.56	0.33	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 15:48	EJB
Mercury	0.32	0.028	0.0085	mg/Kg dry	1		SW-846 7471B	6/17/19	6/18/19 10:50	AJL
Selenium	ND	3.7	3.1	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 15:48	EJB
Silver	ND	0.37	0.22	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 15:48	EJB

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-5 (0-2) | Sampled: 6/11/2019 12:40

Sample ID: 19F0630-07

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.1		% Wt	1		SM 2540G	6/13/19	6/14/19 7:43	JDN

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY
Sample Description:
Work Order: 19F0630
Date Received: 6/12/2019
Field Sample #: SB-5 (17-19)
Sampled: 6/11/2019 13:00
Sample ID: 19F0630-08
Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	0.010	0.098	0.0083	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 16:16	MFF
Acrylonitrile	ND	0.0059	0.00098	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00098	0.00030	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
Benzene	ND	0.0020	0.00059	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
Bromobenzene	ND	0.0020	0.00039	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
Bromochloromethane	ND	0.0039	0.00079	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
Bromodichloromethane	ND	0.0020	0.00049	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
Bromoform	ND	0.0039	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
Bromomethane	ND	0.0098	0.0011	mg/Kg dry	1	V-34	SW-846 8260C	6/13/19	6/13/19 16:16	MFF
2-Butanone (MEK)	ND	0.039	0.0054	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
tert-Butyl Alcohol (TBA)	ND	0.039	0.0044	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
n-Butylbenzene	ND	0.0020	0.00049	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
sec-Butylbenzene	ND	0.0020	0.00079	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
tert-Butylbenzene	ND	0.0020	0.00059	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00098	0.00020	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
Carbon Disulfide	ND	0.0059	0.0053	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
Carbon Tetrachloride	ND	0.0020	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
Chlorobenzene	ND	0.0020	0.00049	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
Chlorodibromomethane	ND	0.0020	0.00039	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
Chloroethane	ND	0.020	0.00079	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
Chloroform	ND	0.0039	0.00049	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
Chloromethane	ND	0.0098	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
2-Chlorotoluene	ND	0.0020	0.00030	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
4-Chlorotoluene	ND	0.0020	0.00039	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	0.00098	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
1,2-Dibromoethane (EDB)	ND	0.00098	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
Dibromomethane	ND	0.0020	0.00079	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
1,2-Dichlorobenzene	ND	0.0020	0.00039	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
1,3-Dichlorobenzene	ND	0.0020	0.00039	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
1,4-Dichlorobenzene	ND	0.0020	0.00079	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
trans-1,4-Dichloro-2-butene	ND	0.0039	0.00059	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.020	0.0011	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
1,1-Dichloroethane	ND	0.0020	0.00039	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
1,2-Dichloroethane	ND	0.0020	0.00049	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
1,1-Dichloroethylene	ND	0.0039	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
cis-1,2-Dichloroethylene	ND	0.0020	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
trans-1,2-Dichloroethylene	ND	0.0020	0.00059	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
1,2-Dichloropropane	ND	0.0020	0.00079	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
1,3-Dichloropropane	ND	0.00098	0.00049	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
2,2-Dichloropropane	ND	0.0020	0.00079	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
1,1-Dichloropropene	ND	0.0039	0.00079	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
cis-1,3-Dichloropropene	ND	0.00098	0.00039	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
trans-1,3-Dichloropropene	ND	0.00098	0.00039	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
Diethyl Ether	0.0015	0.020	0.00069	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 16:16	MFF

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-5 (17-19) Sampled: 6/11/2019 13:00

Sample ID: 19F0630-08

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.00098	0.00020	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
1,4-Dioxane	ND	0.098	0.0052	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
Ethylbenzene	ND	0.0020	0.00059	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
Hexachlorobutadiene	ND	0.0020	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
2-Hexanone (MBK)	ND	0.020	0.0020	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
Isopropylbenzene (Cumene)	ND	0.0020	0.00059	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0020	0.00049	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
Methyl Acetate	ND	0.0020	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0039	0.00030	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
Methyl Cyclohexane	ND	0.0020	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
Methylene Chloride	0.0025	0.020	0.00098	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 16:16	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.020	0.0025	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
Naphthalene	ND	0.0039	0.00039	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
n-Propylbenzene	ND	0.0020	0.00059	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
Styrene	ND	0.0020	0.00039	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
1,1,1,2-Tetrachloroethane	ND	0.0020	0.00098	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
1,1,2,2-Tetrachloroethane	ND	0.00098	0.00039	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
Tetrachloroethylene	ND	0.0020	0.0012	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
Tetrahydrofuran	ND	0.0098	0.0011	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
Toluene	ND	0.0020	0.00059	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
1,2,3-Trichlorobenzene	ND	0.0020	0.00098	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
1,2,4-Trichlorobenzene	ND	0.0020	0.00039	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
1,3,5-Trichlorobenzene	ND	0.0020	0.00030	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
1,1,1-Trichloroethane	ND	0.0020	0.00049	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
1,1,2-Trichloroethane	ND	0.0020	0.00039	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
Trichloroethylene	ND	0.0020	0.00079	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0098	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
1,2,3-Trichloropropane	ND	0.0039	0.00079	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0098	0.00079	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
1,2,4-Trimethylbenzene	ND	0.0020	0.00030	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
1,3,5-Trimethylbenzene	ND	0.0020	0.00049	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
Vinyl Chloride	ND	0.0098	0.00089	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
m+p Xylene	ND	0.0039	0.00098	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF
o-Xylene	ND	0.0020	0.00059	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:16	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	99.7	70-130			6/13/19 16:16
Toluene-d8	100	70-130			6/13/19 16:16
4-Bromofluorobenzene	99.5	70-130			6/13/19 16:16

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-5 (17-19) Sampled: 6/11/2019 13:00

Sample ID: 19F0630-08

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.19	0.099	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
Acenaphthylene	ND	0.19	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
Acetophenone	ND	0.37	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
Aniline	ND	0.37	0.088	mg/Kg dry	1	V-34	SW-846 8270D	6/13/19	6/17/19 22:10	KLB
Anthracene	ND	0.19	0.099	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
Benzidine	ND	0.72	0.20	mg/Kg dry	1	V-04, V-05	SW-846 8270D	6/13/19	6/17/19 22:10	KLB
Benzo(a)anthracene	ND	0.19	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
Benzo(a)pyrene	ND	0.19	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
Benzo(b)fluoranthene	ND	0.19	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
Benzo(g,h,i)perylene	ND	0.19	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
Benzo(k)fluoranthene	ND	0.19	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
Benzoic Acid	ND	1.1	0.65	mg/Kg dry	1	UJ L-04	SW-846 8270D	6/13/19	6/17/19 22:10	KLB
Bis(2-chloroethoxy)methane	ND	0.37	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
Bis(2-chloroethyl)ether	ND	0.37	0.19	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
Bis(2-chloroisopropyl)ether	ND	0.37	0.25	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
Bis(2-Ethylhexyl)phthalate	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
4-Bromophenylphenylether	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
Butylbenzylphthalate	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
Carbazole	ND	0.19	0.099	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
4-Chloroaniline	ND	0.72	0.15	mg/Kg dry	1	V-34	SW-846 8270D	6/13/19	6/17/19 22:10	KLB
4-Chloro-3-methylphenol	ND	0.72	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
2-Chloronaphthalene	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
2-Chlorophenol	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
4-Chlorophenylphenylether	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
Chrysene	ND	0.19	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
Dibenz(a,h)anthracene	ND	0.19	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
Dibenzofuran	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
Di-n-butylphthalate	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
1,2-Dichlorobenzene	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
1,3-Dichlorobenzene	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
1,4-Dichlorobenzene	ND	0.37	0.099	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
3,3-Dichlorobenzidine	ND	0.19	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
2,4-Dichlorophenol	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
Diethylphthalate	ND	0.37	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
2,4-Dimethylphenol	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
Dimethylphthalate	ND	0.37	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
4,6-Dinitro-2-methylphenol	ND	0.37	0.33	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
2,4-Dinitrophenol	ND	0.72	0.51	mg/Kg dry	1	V-05	SW-846 8270D	6/13/19	6/17/19 22:10	KLB
2,4-Dinitrotoluene	ND	0.37	0.18	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
2,6-Dinitrotoluene	ND	0.37	0.18	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
Di-n-octylphthalate	ND	0.37	0.16	mg/Kg dry	1	V-05	SW-846 8270D	6/13/19	6/17/19 22:10	KLB
1,2-Diphenylhydrazine/Azobenzene	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
Fluoranthene	ND	0.19	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
Fluorene	ND	0.19	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB

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Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-5 (17-19) Sampled: 6/11/2019 13:00

Sample ID: 19F0630-08

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.37	0.099	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
Hexachlorobutadiene	ND	0.37	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
Hexachlorocyclopentadiene	ND	0.37	0.31	mg/Kg dry	1	V-05	SW-846 8270D	6/13/19	6/17/19 22:10	KLB
Hexachloroethane	ND	0.37	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
Indeno(1,2,3-cd)pyrene	ND	0.19	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
Isophorone	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
1-Methylnaphthalene	ND	0.19	0.099	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
2-Methylnaphthalene	ND	0.19	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
2-Methylphenol	ND	0.37	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
3/4-Methylphenol	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
Naphthalene	ND	0.19	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
2-Nitroaniline	ND	0.37	0.22	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
3-Nitroaniline	ND	0.37	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
4-Nitroaniline	ND	0.37	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
Nitrobenzene	ND	0.37	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
2-Nitrophenol	ND	0.37	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
4-Nitrophenol	ND	0.72	0.26	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
N-Nitrosodimethylamine	ND	0.37	0.20	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
N-Nitrosodiphenylamine/Diphenylamine	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
N-Nitrosodi-n-propylamine	ND	0.37	0.16	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
Pentachloronitrobenzene	ND	0.37	0.13	mg/Kg dry	1	V-16	SW-846 8270D	6/13/19	6/17/19 22:10	KLB
Pentachlorophenol	ND	0.37	0.25	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
Phenanthrene	ND	0.19	0.099	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
Phenol	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
Pyrene	ND	0.19	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
Pyridine	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
1,2,4,5-Tetrachlorobenzene	ND	0.37	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
1,2,4-Trichlorobenzene	ND	0.37	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
2,4,5-Trichlorophenol	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB
2,4,6-Trichlorophenol	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:10	KLB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	62.6	30-130		6/17/19 22:10
Phenol-d6	68.2	30-130		6/17/19 22:10
Nitrobenzene-d5	67.9	30-130		6/17/19 22:10
2-Fluorobiphenyl	70.5	30-130		6/17/19 22:10
2,4,6-Tribromophenol	70.1	30-130		6/17/19 22:10
p-Terphenyl-d14	79.5	30-130		6/17/19 22:10

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-5 (17-19) | Sampled: 6/11/2019 13:00

Sample ID: 19F0630-08

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.086	0.039	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 22:43	AYH
Aroclor-1221 [1]	ND	0.086	0.064	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 22:43	AYH
Aroclor-1232 [1]	ND	0.086	0.077	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 22:43	AYH
Aroclor-1242 [1]	ND	0.086	0.064	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 22:43	AYH
Aroclor-1248 [1]	ND	0.086	0.030	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 22:43	AYH
Aroclor-1254 [1]	ND	0.086	0.034	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 22:43	AYH
Aroclor-1260 [1]	ND	0.086	0.047	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 22:43	AYH
Aroclor-1262 [1]	ND	0.086	0.043	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 22:43	AYH
Aroclor-1268 [1]	ND	0.086	0.069	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 22:43	AYH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	93.9	30-150		6/18/19 22:43
Decachlorobiphenyl [2]	94.5	30-150		6/18/19 22:43
Tetrachloro-m-xylene [1]	85.3	30-150		6/18/19 22:43
Tetrachloro-m-xylene [2]	83.2	30-150		6/18/19 22:43

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-5 (17-19) Sampled: 6/11/2019 13:00

Sample ID: 19F0630-08

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	2.8	1.8	0.92	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:06	EJB
Barium	24	1.8	0.90	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:06	EJB
Cadmium	0.20	0.18	0.11	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:06	EJB
Chromium	7.1	0.37	0.23	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:06	EJB
Lead	6.3	0.55	0.32	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:06	EJB
Mercury	0.012	0.027	0.0080	mg/Kg dry	1	J	SW-846 7471B	6/17/19	6/18/19 10:52	AJL
Selenium	ND	3.7	3.0	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:06	EJB
Silver	ND	0.37	0.21	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:06	EJB

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Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-5 (17-19) | Sampled: 6/11/2019 13:00

Sample ID: 19F0630-08

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	90.8		% Wt	1		SM 2540G	6/13/19	6/14/19 7:43	JDN

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Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-1 (0-2) | Sampled: 6/10/2019 14:50

Sample ID: 19F0630-09

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.099	0.0083	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
Acrylonitrile	ND	0.0059	0.00099	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00099	0.00030	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
Benzene	ND	0.0020	0.00059	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
Bromobenzene	ND	0.0020	0.00040	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
Bromochloromethane	ND	0.0040	0.00079	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
Bromodichloromethane	ND	0.0020	0.00049	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
Bromoform	ND	0.0040	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
Bromomethane	ND	0.0099	0.0011	mg/Kg dry	1	V-34	SW-846 8260C	6/13/19	6/13/19 16:44	MFF
2-Butanone (MEK)	ND	0.040	0.0054	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
tert-Butyl Alcohol (TBA)	ND	0.040	0.0044	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
n-Butylbenzene	ND	0.0020	0.00049	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
sec-Butylbenzene	ND	0.0020	0.00079	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
tert-Butylbenzene	ND	0.0020	0.00059	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00099	0.00020	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
Carbon Disulfide	ND	0.0059	0.0053	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
Carbon Tetrachloride	ND	0.0020	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
Chlorobenzene	ND	0.0020	0.00049	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
Chlorodibromomethane	ND	0.0020	0.00040	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
Chloroethane	ND	0.020	0.00079	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
Chloroform	ND	0.0040	0.00049	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
Chloromethane	ND	0.0099	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
2-Chlorotoluene	ND	0.0020	0.00030	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
4-Chlorotoluene	ND	0.0020	0.00040	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	0.00099	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
1,2-Dibromoethane (EDB)	ND	0.00099	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
Dibromomethane	ND	0.0020	0.00079	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
1,2-Dichlorobenzene	ND	0.0020	0.00040	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
1,3-Dichlorobenzene	ND	0.0020	0.00040	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
1,4-Dichlorobenzene	ND	0.0020	0.00079	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
trans-1,4-Dichloro-2-butene	ND	0.0040	0.00059	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.020	0.0011	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
1,1-Dichloroethane	ND	0.0020	0.00040	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
1,2-Dichloroethane	ND	0.0020	0.00049	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
1,1-Dichloroethylene	ND	0.0040	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
cis-1,2-Dichloroethylene	ND	0.0020	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
trans-1,2-Dichloroethylene	ND	0.0020	0.00059	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
1,2-Dichloropropane	ND	0.0020	0.00079	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
1,3-Dichloropropane	ND	0.00099	0.00049	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
2,2-Dichloropropane	ND	0.0020	0.00079	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
1,1-Dichloropropene	ND	0.0040	0.00079	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
cis-1,3-Dichloropropene	ND	0.00099	0.00040	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
trans-1,3-Dichloropropene	ND	0.00099	0.00040	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
Diethyl Ether	0.0013	0.020	0.00069	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 16:44	MFF

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-1 (0-2) Sampled: 6/10/2019 14:50

Sample ID: 19F0630-09

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.00099	0.00020	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
1,4-Dioxane	ND	0.099	0.0052	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
Ethylbenzene	ND	0.0020	0.00059	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
Hexachlorobutadiene	ND	0.0020	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
2-Hexanone (MBK)	ND	0.020	0.0020	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
Isopropylbenzene (Cumene)	ND	0.0020	0.00059	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0020	0.00049	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
Methyl Acetate	ND	0.0020	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	0.00030	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
Methyl Cyclohexane	ND	0.0020	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
Methylene Chloride	0.0021	0.020	0.00099	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 16:44	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.020	0.0025	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
Naphthalene	ND	0.0040	0.00040	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
n-Propylbenzene	ND	0.0020	0.00059	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
Styrene	ND	0.0020	0.00040	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
1,1,1,2-Tetrachloroethane	ND	0.0020	0.00099	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
1,1,2,2-Tetrachloroethane	ND	0.00099	0.00040	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
Tetrachloroethylene	ND	0.0020	0.0012	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
Tetrahydrofuran	ND	0.0099	0.0011	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
Toluene	ND	0.0020	0.00059	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
1,2,3-Trichlorobenzene	ND	0.0020	0.00099	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
1,2,4-Trichlorobenzene	ND	0.0020	0.00040	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
1,3,5-Trichlorobenzene	ND	0.0020	0.00030	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
1,1,1-Trichloroethane	ND	0.0020	0.00049	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
1,1,2-Trichloroethane	ND	0.0020	0.00040	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
Trichloroethylene	ND	0.0020	0.00079	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0099	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
1,2,3-Trichloropropane	ND	0.0040	0.00079	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0099	0.00079	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
1,2,4-Trimethylbenzene	ND	0.0020	0.00030	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
1,3,5-Trimethylbenzene	ND	0.0020	0.00049	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
Vinyl Chloride	ND	0.0099	0.00089	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
m+p Xylene	ND	0.0040	0.00099	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF
o-Xylene	ND	0.0020	0.00059	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 16:44	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	99.3	70-130		6/13/19 16:44
Toluene-d8	101	70-130		6/13/19 16:44
4-Bromofluorobenzene	100	70-130		6/13/19 16:44

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-1 (0-2) Sampled: 6/10/2019 14:50

Sample ID: 19F0630-09

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.19	0.098	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
Acenaphthylene	ND	0.19	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
Acetophenone	ND	0.37	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
Aniline	ND	0.37	0.087	mg/Kg dry	1	V-34	SW-846 8270D	6/13/19	6/17/19 22:35	KLB
Anthracene	ND	0.19	0.098	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
Benzidine	ND	0.72	0.20	mg/Kg dry	1	V-04, V-05	SW-846 8270D	6/13/19	6/17/19 22:35	KLB
Benzo(a)anthracene	ND	0.19	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
Benzo(a)pyrene	ND	0.19	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
Benzo(b)fluoranthene	0.18	0.19	0.12	mg/Kg dry	1	J	SW-846 8270D	6/13/19	6/17/19 22:35	KLB
Benzo(g,h,i)perylene	0.19	0.19	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
Benzo(k)fluoranthene	ND	0.19	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
Benzoic Acid	ND	1.1	0.64	mg/Kg dry	1	UJ L-04	SW-846 8270D	6/13/19	6/17/19 22:35	KLB
Bis(2-chloroethoxy)methane	ND	0.37	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
Bis(2-chloroethyl)ether	ND	0.37	0.19	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
Bis(2-chloroisopropyl)ether	ND	0.37	0.25	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
Bis(2-Ethylhexyl)phthalate	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
4-Bromophenylphenylether	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
Butylbenzylphthalate	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
Carbazole	ND	0.19	0.098	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
4-Chloroaniline	ND	0.72	0.15	mg/Kg dry	1	V-34	SW-846 8270D	6/13/19	6/17/19 22:35	KLB
4-Chloro-3-methylphenol	ND	0.72	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
2-Chloronaphthalene	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
2-Chlorophenol	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
4-Chlorophenylphenylether	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
Chrysene	ND	0.19	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
Dibenz(a,h)anthracene	ND	0.19	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
Dibenzofuran	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
Di-n-butylphthalate	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
1,2-Dichlorobenzene	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
1,3-Dichlorobenzene	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
1,4-Dichlorobenzene	ND	0.37	0.098	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
3,3-Dichlorobenzidine	ND	0.19	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
2,4-Dichlorophenol	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
Diethylphthalate	ND	0.37	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
2,4-Dimethylphenol	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
Dimethylphthalate	ND	0.37	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
4,6-Dinitro-2-methylphenol	ND	0.37	0.33	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
2,4-Dinitrophenol	ND	0.72	0.50	mg/Kg dry	1	V-05	SW-846 8270D	6/13/19	6/17/19 22:35	KLB
2,4-Dinitrotoluene	ND	0.37	0.17	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
2,6-Dinitrotoluene	ND	0.37	0.17	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
Di-n-octylphthalate	ND	0.37	0.16	mg/Kg dry	1	V-05	SW-846 8270D	6/13/19	6/17/19 22:35	KLB
1,2-Diphenylhydrazine/Azobenzene	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
Fluoranthene	0.16	0.19	0.11	mg/Kg dry	1	J	SW-846 8270D	6/13/19	6/17/19 22:35	KLB
Fluorene	ND	0.19	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-1 (0-2) | Sampled: 6/10/2019 14:50

Sample ID: 19F0630-09

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.37	0.098	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
Hexachlorobutadiene	ND	0.37	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
Hexachlorocyclopentadiene	ND	0.37	0.31	mg/Kg dry	1	V-05	SW-846 8270D	6/13/19	6/17/19 22:35	KLB
Hexachloroethane	ND	0.37	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
Indeno(1,2,3-cd)pyrene	0.16	0.19	0.13	mg/Kg dry	1	J	SW-846 8270D	6/13/19	6/17/19 22:35	KLB
Isophorone	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
1-Methylnaphthalene	ND	0.19	0.098	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
2-Methylnaphthalene	ND	0.19	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
2-Methylphenol	ND	0.37	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
3/4-Methylphenol	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
Naphthalene	ND	0.19	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
2-Nitroaniline	ND	0.37	0.22	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
3-Nitroaniline	ND	0.37	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
4-Nitroaniline	ND	0.37	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
Nitrobenzene	ND	0.37	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
2-Nitrophenol	ND	0.37	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
4-Nitrophenol	ND	0.72	0.26	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
N-Nitrosodimethylamine	ND	0.37	0.20	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
N-Nitrosodiphenylamine/Diphenylamine	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
N-Nitrosodi-n-propylamine	ND	0.37	0.16	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
Pentachloronitrobenzene	ND	0.37	0.13	mg/Kg dry	1	V-16	SW-846 8270D	6/13/19	6/17/19 22:35	KLB
Pentachlorophenol	ND	0.37	0.25	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
Phenanthrene	ND	0.19	0.098	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
Phenol	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
Pyrene	0.18	0.19	0.12	mg/Kg dry	1	J	SW-846 8270D	6/13/19	6/17/19 22:35	KLB
Pyridine	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
1,2,4,5-Tetrachlorobenzene	ND	0.37	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
1,2,4-Trichlorobenzene	ND	0.37	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
2,4,5-Trichlorophenol	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB
2,4,6-Trichlorophenol	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/17/19 22:35	KLB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	60.2	30-130		6/17/19 22:35
Phenol-d6	65.7	30-130		6/17/19 22:35
Nitrobenzene-d5	68.0	30-130		6/17/19 22:35
2-Fluorobiphenyl	73.6	30-130		6/17/19 22:35
2,4,6-Tribromophenol	63.7	30-130		6/17/19 22:35
p-Terphenyl-d14	88.2	30-130		6/17/19 22:35

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-1 (0-2) | Sampled: 6/10/2019 14:50

Sample ID: 19F0630-09

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	90.7		% Wt	1		SM 2540G	6/13/19	6/14/19 7:44	JDN

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Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-1 (17.5-19.5) Sampled: 6/10/2019 15:20

Sample ID: 19F0630-10

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	0.0097	0.085	0.0072	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 21:17	MFF
Acrylonitrile	ND	0.0051	0.00085	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00085	0.00026	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
Benzene	ND	0.0017	0.00051	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
Bromobenzene	ND	0.0017	0.00034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
Bromochloromethane	ND	0.0034	0.00068	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
Bromodichloromethane	ND	0.0017	0.00043	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
Bromoform	ND	0.0034	0.00060	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
Bromomethane	ND	0.0085	0.00094	mg/Kg dry	1	V-34	SW-846 8260C	6/13/19	6/13/19 21:17	MFF
2-Butanone (MEK)	ND	0.034	0.0047	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
tert-Butyl Alcohol (TBA)	ND	0.034	0.0038	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
n-Butylbenzene	ND	0.0017	0.00043	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
sec-Butylbenzene	ND	0.0017	0.00068	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
tert-Butylbenzene	ND	0.0017	0.00051	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00085	0.00017	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
Carbon Disulfide	ND	0.0051	0.0046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
Carbon Tetrachloride	ND	0.0017	0.00060	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
Chlorobenzene	ND	0.0017	0.00043	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
Chlorodibromomethane	ND	0.0017	0.00034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
Chloroethane	ND	0.017	0.00068	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
Chloroform	ND	0.0034	0.00043	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
Chloromethane	ND	0.0085	0.00060	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
2-Chlorotoluene	ND	0.0017	0.00026	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
4-Chlorotoluene	ND	0.0017	0.00034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0017	0.00085	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
1,2-Dibromoethane (EDB)	ND	0.00085	0.00060	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
Dibromomethane	ND	0.0017	0.00068	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
1,2-Dichlorobenzene	ND	0.0017	0.00034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
1,3-Dichlorobenzene	ND	0.0017	0.00034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
1,4-Dichlorobenzene	ND	0.0017	0.00068	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
trans-1,4-Dichloro-2-butene	ND	0.0034	0.00051	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.017	0.00094	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
1,1-Dichloroethane	ND	0.0017	0.00034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
1,2-Dichloroethane	ND	0.0017	0.00043	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
1,1-Dichloroethylene	ND	0.0034	0.00060	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
cis-1,2-Dichloroethylene	ND	0.0017	0.00060	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
trans-1,2-Dichloroethylene	ND	0.0017	0.00051	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
1,2-Dichloropropane	ND	0.0017	0.00068	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
1,3-Dichloropropane	ND	0.00085	0.00043	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
2,2-Dichloropropane	ND	0.0017	0.00068	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
1,1-Dichloropropene	ND	0.0034	0.00068	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
cis-1,3-Dichloropropene	ND	0.00085	0.00034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
trans-1,3-Dichloropropene	ND	0.00085	0.00034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
Diethyl Ether	0.0015	0.017	0.00060	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 21:17	MFF

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Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-1 (17.5-19.5) | Sampled: 6/10/2019 15:20

Sample ID: 19F0630-10

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.00085	0.00017	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
1,4-Dioxane	ND	0.085	0.0045	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
Ethylbenzene	ND	0.0017	0.00051	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
Hexachlorobutadiene	ND	0.0017	0.00060	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
2-Hexanone (MBK)	ND	0.017	0.0017	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
Isopropylbenzene (Cumene)	ND	0.0017	0.00051	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0017	0.00043	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
Methyl Acetate	ND	0.0017	0.00060	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0034	0.00026	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
Methyl Cyclohexane	ND	0.0017	0.00060	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
Methylene Chloride	0.0021	0.017	0.00085	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 21:17	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.017	0.0021	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
Naphthalene	ND	0.0034	0.00034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
n-Propylbenzene	ND	0.0017	0.00051	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
Styrene	ND	0.0017	0.00034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
1,1,1,2-Tetrachloroethane	ND	0.0017	0.00085	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
1,1,2,2-Tetrachloroethane	ND	0.00085	0.00034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
Tetrachloroethylene	ND	0.0017	0.0010	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
Tetrahydrofuran	ND	0.0085	0.00094	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
Toluene	ND	0.0017	0.00051	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
1,2,3-Trichlorobenzene	ND	0.0017	0.00085	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
1,2,4-Trichlorobenzene	ND	0.0017	0.00034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
1,3,5-Trichlorobenzene	ND	0.0017	0.00026	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
1,1,1-Trichloroethane	ND	0.0017	0.00043	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
1,1,2-Trichloroethane	ND	0.0017	0.00034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
Trichloroethylene	ND	0.0017	0.00068	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0085	0.00060	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
1,2,3-Trichloropropane	ND	0.0034	0.00068	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0085	0.00068	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
1,2,4-Trimethylbenzene	ND	0.0017	0.00026	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
1,3,5-Trimethylbenzene	ND	0.0017	0.00043	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
Vinyl Chloride	ND	0.0085	0.00077	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
m+p Xylene	ND	0.0034	0.00085	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF
o-Xylene	ND	0.0017	0.00051	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:17	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	98.2	70-130		6/13/19 21:17
Toluene-d8	100	70-130		6/13/19 21:17
4-Bromofluorobenzene	102	70-130		6/13/19 21:17

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-1 (17.5-19.5) Sampled: 6/10/2019 15:20

Sample ID: 19F0630-10

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.18	0.093	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
Acenaphthylene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
Acetophenone	ND	0.35	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
Aniline	ND	0.35	0.083	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
Anthracene	ND	0.18	0.093	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
Benzidine	ND	0.69	0.19	mg/Kg dry	1	V-04, V-35	SW-846 8270D	6/13/19	6/19/19 8:20	IMR
Benzo(a)anthracene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
Benzo(a)pyrene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
Benzo(b)fluoranthene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
Benzo(g,h,i)perylene	ND	0.18	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
Benzo(k)fluoranthene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
Benzoic Acid	ND	1.0	0.61	mg/Kg dry	1	UJ L-04	SW-846 8270D	6/13/19	6/19/19 8:20	IMR
Bis(2-chloroethoxy)methane	ND	0.35	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
Bis(2-chloroethyl)ether	ND	0.35	0.18	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
Bis(2-chloroisopropyl)ether	ND	0.35	0.24	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
Bis(2-Ethylhexyl)phthalate	ND	0.35	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
4-Bromophenylphenylether	ND	0.35	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
Butylbenzylphthalate	ND	0.35	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
Carbazole	ND	0.18	0.093	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
4-Chloroaniline	ND	0.69	0.15	mg/Kg dry	1	V-34	SW-846 8270D	6/13/19	6/19/19 8:20	IMR
4-Chloro-3-methylphenol	ND	0.69	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
2-Chloronaphthalene	ND	0.35	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
2-Chlorophenol	ND	0.35	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
4-Chlorophenylphenylether	ND	0.35	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
Chrysene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
Dibenz(a,h)anthracene	ND	0.18	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
Dibenzofuran	ND	0.35	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
Di-n-butylphthalate	ND	0.35	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
1,2-Dichlorobenzene	ND	0.35	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
1,3-Dichlorobenzene	ND	0.35	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
1,4-Dichlorobenzene	ND	0.35	0.093	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
3,3-Dichlorobenzidine	ND	0.18	0.13	mg/Kg dry	1	V-34	SW-846 8270D	6/13/19	6/19/19 8:20	IMR
2,4-Dichlorophenol	ND	0.35	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
Diethylphthalate	ND	0.35	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
2,4-Dimethylphenol	ND	0.35	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
Dimethylphthalate	ND	0.35	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
4,6-Dinitro-2-methylphenol	ND	0.35	0.31	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
2,4-Dinitrophenol	ND	0.69	0.48	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
2,4-Dinitrotoluene	ND	0.35	0.17	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
2,6-Dinitrotoluene	ND	0.35	0.17	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
Di-n-octylphthalate	ND	0.35	0.16	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
1,2-Diphenylhydrazine/Azobenzene	ND	0.35	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
Fluoranthene	ND	0.18	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
Fluorene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-1 (17.5-19.5) Sampled: 6/10/2019 15:20

Sample ID: 19F0630-10

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.35	0.093	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
Hexachlorobutadiene	ND	0.35	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
Hexachlorocyclopentadiene	ND	0.35	0.29	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
Hexachloroethane	ND	0.35	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
Indeno(1,2,3-cd)pyrene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
Isophorone	ND	0.35	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
1-Methylnaphthalene	ND	0.18	0.093	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
2-Methylnaphthalene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
2-Methylphenol	ND	0.35	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
3/4-Methylphenol	ND	0.35	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
Naphthalene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
2-Nitroaniline	ND	0.35	0.21	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
3-Nitroaniline	ND	0.35	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
4-Nitroaniline	ND	0.35	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
Nitrobenzene	ND	0.35	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
2-Nitrophenol	ND	0.35	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
4-Nitrophenol	ND	0.69	0.25	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
N-Nitrosodimethylamine	ND	0.35	0.19	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
N-Nitrosodiphenylamine/Diphenylamine	ND	0.35	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
N-Nitrosodi-n-propylamine	ND	0.35	0.16	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
Pentachloronitrobenzene	ND	0.35	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
Pentachlorophenol	ND	0.35	0.24	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
Phenanthrene	ND	0.18	0.093	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
Phenol	ND	0.35	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
Pyrene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
Pyridine	ND	0.35	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
1,2,4,5-Tetrachlorobenzene	ND	0.35	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
1,2,4-Trichlorobenzene	ND	0.35	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
2,4,5-Trichlorophenol	ND	0.35	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR
2,4,6-Trichlorophenol	ND	0.35	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:20	IMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	59.5	30-130		6/19/19 8:20
Phenol-d6	64.9	30-130		6/19/19 8:20
Nitrobenzene-d5	62.6	30-130		6/19/19 8:20
2-Fluorobiphenyl	79.0	30-130		6/19/19 8:20
2,4,6-Tribromophenol	52.9	30-130		6/19/19 8:20
p-Terphenyl-d14	87.3	30-130		6/19/19 8:20

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-1 (17.5-19.5) | Sampled: 6/10/2019 15:20

Sample ID: 19F0630-10

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	95.7		% Wt	1		SM 2540G	6/13/19	6/14/19 7:44	JDN

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-6 (0-2) Sampled: 6/11/2019 14:40

Sample ID: 19F0630-11

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	0.017	0.087	0.0073	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 21:44	MFF
Acrylonitrile	ND	0.0052	0.00087	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00087	0.00026	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
Benzene	ND	0.0017	0.00052	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
Bromobenzene	ND	0.0017	0.00035	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
Bromochloromethane	ND	0.0035	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
Bromodichloromethane	ND	0.0017	0.00043	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
Bromoform	ND	0.0035	0.00061	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
Bromomethane	ND	0.0087	0.00095	mg/Kg dry	1	V-34	SW-846 8260C	6/13/19	6/13/19 21:44	MFF
2-Butanone (MEK)	ND	0.035	0.0048	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
tert-Butyl Alcohol (TBA)	ND	0.035	0.0039	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
n-Butylbenzene	ND	0.0017	0.00043	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
sec-Butylbenzene	ND	0.0017	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
tert-Butylbenzene	ND	0.0017	0.00052	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00087	0.00017	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
Carbon Disulfide	ND	0.0052	0.0047	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
Carbon Tetrachloride	ND	0.0017	0.00061	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
Chlorobenzene	ND	0.0017	0.00043	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
Chlorodibromomethane	ND	0.0017	0.00035	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
Chloroethane	ND	0.017	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
Chloroform	ND	0.0035	0.00043	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
Chloromethane	ND	0.0087	0.00061	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
2-Chlorotoluene	ND	0.0017	0.00026	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
4-Chlorotoluene	ND	0.0017	0.00035	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0017	0.00087	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
1,2-Dibromoethane (EDB)	ND	0.00087	0.00061	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
Dibromomethane	ND	0.0017	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
1,2-Dichlorobenzene	ND	0.0017	0.00035	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
1,3-Dichlorobenzene	ND	0.0017	0.00035	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
1,4-Dichlorobenzene	ND	0.0017	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
trans-1,4-Dichloro-2-butene	ND	0.0035	0.00052	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.017	0.00095	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
1,1-Dichloroethane	ND	0.0017	0.00035	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
1,2-Dichloroethane	ND	0.0017	0.00043	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
1,1-Dichloroethylene	ND	0.0035	0.00061	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
cis-1,2-Dichloroethylene	ND	0.0017	0.00061	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
trans-1,2-Dichloroethylene	ND	0.0017	0.00052	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
1,2-Dichloropropane	ND	0.0017	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
1,3-Dichloropropane	ND	0.00087	0.00043	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
2,2-Dichloropropane	ND	0.0017	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
1,1-Dichloropropene	ND	0.0035	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
cis-1,3-Dichloropropene	ND	0.00087	0.00035	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
trans-1,3-Dichloropropene	ND	0.00087	0.00035	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
Diethyl Ether	ND	0.017	0.00061	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY
Sample Description:
Work Order: 19F0630
Date Received: 6/12/2019
Field Sample #: SB-6 (0-2)
Sampled: 6/11/2019 14:40
Sample ID: 19F0630-11
Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.00087	0.00017	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
1,4-Dioxane	ND	0.087	0.0046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
Ethylbenzene	ND	0.0017	0.00052	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
Hexachlorobutadiene	ND	0.0017	0.00061	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
2-Hexanone (MBK)	ND	0.017	0.0017	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
Isopropylbenzene (Cumene)	ND	0.0017	0.00052	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0017	0.00043	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
Methyl Acetate	ND	0.0017	0.00061	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0035	0.00026	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
Methyl Cyclohexane	ND	0.0017	0.00061	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
Methylene Chloride	0.0017	0.017	0.00087	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 21:44	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.017	0.0022	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
Naphthalene	ND	0.0035	0.00035	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
n-Propylbenzene	ND	0.0017	0.00052	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
Styrene	ND	0.0017	0.00035	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
1,1,1,2-Tetrachloroethane	ND	0.0017	0.00087	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
1,1,2,2-Tetrachloroethane	ND	0.00087	0.00035	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
Tetrachloroethylene	0.0092	0.0017	0.0010	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
Tetrahydrofuran	ND	0.0087	0.00095	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
Toluene	0.00059	0.0017	0.00052	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 21:44	MFF
1,2,3-Trichlorobenzene	ND	0.0017	0.00087	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
1,2,4-Trichlorobenzene	ND	0.0017	0.00035	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
1,3,5-Trichlorobenzene	ND	0.0017	0.00026	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
1,1,1-Trichloroethane	ND	0.0017	0.00043	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
1,1,2-Trichloroethane	ND	0.0017	0.00035	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
Trichloroethylene	ND	0.0017	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0087	0.00061	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
1,2,3-Trichloropropane	ND	0.0035	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0087	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
1,2,4-Trimethylbenzene	ND	0.0017	0.00026	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
1,3,5-Trimethylbenzene	ND	0.0017	0.00043	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
Vinyl Chloride	ND	0.0087	0.00078	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
m+p Xylene	ND	0.0035	0.00087	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF
o-Xylene	ND	0.0017	0.00052	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 21:44	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	102	70-130		6/13/19 21:44
Toluene-d8	99.6	70-130		6/13/19 21:44
4-Bromofluorobenzene	99.2	70-130		6/13/19 21:44

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-6 (0-2) Sampled: 6/11/2019 14:40

Sample ID: 19F0630-11

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.18	0.095	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
Acenaphthylene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
Acetophenone	ND	0.36	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
Aniline	ND	0.36	0.084	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
Anthracene	ND	0.18	0.095	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
Benzidine	ND	0.70	0.19	mg/Kg dry	1	V-04, V-35	SW-846 8270D	6/13/19	6/19/19 8:47	IMR
Benzo(a)anthracene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
Benzo(a)pyrene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
Benzo(b)fluoranthene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
Benzo(g,h,i)perylene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
Benzo(k)fluoranthene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
Benzoic Acid	ND	1.1	0.62	mg/Kg dry	1	UJ L-04	SW-846 8270D	6/13/19	6/19/19 8:47	IMR
Bis(2-chloroethoxy)methane	ND	0.36	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
Bis(2-chloroethyl)ether	ND	0.36	0.18	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
Bis(2-chloroisopropyl)ether	ND	0.36	0.24	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
Bis(2-Ethylhexyl)phthalate	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
4-Bromophenylphenylether	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
Butylbenzylphthalate	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
Carbazole	ND	0.18	0.095	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
4-Chloroaniline	ND	0.70	0.15	mg/Kg dry	1	V-34	SW-846 8270D	6/13/19	6/19/19 8:47	IMR
4-Chloro-3-methylphenol	ND	0.70	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
2-Chloronaphthalene	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
2-Chlorophenol	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
4-Chlorophenylphenylether	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
Chrysene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
Dibenz(a,h)anthracene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
Dibenzofuran	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
Di-n-butylphthalate	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
1,2-Dichlorobenzene	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
1,3-Dichlorobenzene	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
1,4-Dichlorobenzene	ND	0.36	0.095	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
3,3-Dichlorobenzidine	ND	0.18	0.14	mg/Kg dry	1	V-34	SW-846 8270D	6/13/19	6/19/19 8:47	IMR
2,4-Dichlorophenol	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
Diethylphthalate	ND	0.36	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
2,4-Dimethylphenol	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
Dimethylphthalate	ND	0.36	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
4,6-Dinitro-2-methylphenol	ND	0.36	0.32	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
2,4-Dinitrophenol	ND	0.70	0.48	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
2,4-Dinitrotoluene	ND	0.36	0.17	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
2,6-Dinitrotoluene	ND	0.36	0.17	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
Di-n-octylphthalate	ND	0.36	0.16	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
1,2-Diphenylhydrazine/Azobenzene	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
Fluoranthene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
Fluorene	ND	0.18	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-6 (0-2) Sampled: 6/11/2019 14:40

Sample ID: 19F0630-11

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.36	0.095	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
Hexachlorobutadiene	ND	0.36	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
Hexachlorocyclopentadiene	ND	0.36	0.30	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
Hexachloroethane	ND	0.36	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
Indeno(1,2,3-cd)pyrene	ND	0.18	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
Isophorone	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
1-Methylnaphthalene	ND	0.18	0.095	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
2-Methylnaphthalene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
2-Methylphenol	ND	0.36	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
3/4-Methylphenol	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
Naphthalene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
2-Nitroaniline	ND	0.36	0.21	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
3-Nitroaniline	ND	0.36	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
4-Nitroaniline	ND	0.36	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
Nitrobenzene	ND	0.36	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
2-Nitrophenol	ND	0.36	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
4-Nitrophenol	ND	0.70	0.25	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
N-Nitrosodimethylamine	ND	0.36	0.19	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
N-Nitrosodiphenylamine/Diphenylamine	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
N-Nitrosodi-n-propylamine	ND	0.36	0.16	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
Pentachloronitrobenzene	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
Pentachlorophenol	ND	0.36	0.24	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
Phenanthrene	ND	0.18	0.095	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
Phenol	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
Pyrene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
Pyridine	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
1,2,4,5-Tetrachlorobenzene	ND	0.36	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
1,2,4-Trichlorobenzene	ND	0.36	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
2,4,5-Trichlorophenol	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR
2,4,6-Trichlorophenol	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 8:47	IMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	64.2	30-130		6/19/19 8:47
Phenol-d6	67.8	30-130		6/19/19 8:47
Nitrobenzene-d5	62.8	30-130		6/19/19 8:47
2-Fluorobiphenyl	77.5	30-130		6/19/19 8:47
2,4,6-Tribromophenol	64.4	30-130		6/19/19 8:47
p-Terphenyl-d14	86.9	30-130		6/19/19 8:47

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-6 (0-2) Sampled: 6/11/2019 14:40

Sample ID: 19F0630-11

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	3.1	1.8	0.89	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:11	EJB
Barium	51	1.8	0.87	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:11	EJB
Cadmium	0.22	0.18	0.11	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:11	EJB
Chromium	9.0	0.35	0.22	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:11	EJB
Lead	56	0.53	0.31	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:11	EJB
Mercury	0.12	0.026	0.0079	mg/Kg dry	1		SW-846 7471B	6/17/19	6/18/19 10:53	AJL
Selenium	ND	3.5	2.9	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:11	EJB
Silver	ND	0.35	0.21	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:11	EJB

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-6 (0-2) | Sampled: 6/11/2019 14:40

Sample ID: 19F0630-11

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	93.0		% Wt	1		SM 2540G	6/13/19	6/14/19 7:44	JDN

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY
Sample Description:
Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-6 (16-18)
Sampled: 6/11/2019 15:00

Sample ID: 19F0630-12

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.091	0.0077	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
Acrylonitrile	ND	0.0055	0.00091	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00091	0.00027	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
Benzene	ND	0.0018	0.00055	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
Bromobenzene	ND	0.0018	0.00037	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
Bromochloromethane	ND	0.0037	0.00073	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
Bromodichloromethane	ND	0.0018	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
Bromoform	ND	0.0037	0.00064	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
Bromomethane	ND	0.0091	0.0010	mg/Kg dry	1	V-34	SW-846 8260C	6/13/19	6/13/19 22:11	MFF
2-Butanone (MEK)	ND	0.037	0.0050	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
tert-Butyl Alcohol (TBA)	ND	0.037	0.0041	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
n-Butylbenzene	ND	0.0018	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
sec-Butylbenzene	ND	0.0018	0.00073	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
tert-Butylbenzene	ND	0.0018	0.00055	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00091	0.00018	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
Carbon Disulfide	ND	0.0055	0.0049	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
Carbon Tetrachloride	ND	0.0018	0.00064	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
Chlorobenzene	ND	0.0018	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
Chlorodibromomethane	ND	0.0018	0.00037	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
Chloroethane	ND	0.018	0.00073	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
Chloroform	ND	0.0037	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
Chloromethane	ND	0.0091	0.00064	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
2-Chlorotoluene	ND	0.0018	0.00027	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
4-Chlorotoluene	ND	0.0018	0.00037	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0018	0.00091	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
1,2-Dibromoethane (EDB)	ND	0.00091	0.00064	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
Dibromomethane	ND	0.0018	0.00073	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
1,2-Dichlorobenzene	ND	0.0018	0.00037	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
1,3-Dichlorobenzene	ND	0.0018	0.00037	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
1,4-Dichlorobenzene	ND	0.0018	0.00073	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
trans-1,4-Dichloro-2-butene	ND	0.0037	0.00055	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.018	0.0010	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
1,1-Dichloroethane	ND	0.0018	0.00037	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
1,2-Dichloroethane	ND	0.0018	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
1,1-Dichloroethylene	ND	0.0037	0.00064	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
cis-1,2-Dichloroethylene	ND	0.0018	0.00064	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
trans-1,2-Dichloroethylene	ND	0.0018	0.00055	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
1,2-Dichloropropane	ND	0.0018	0.00073	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
1,3-Dichloropropane	ND	0.00091	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
2,2-Dichloropropane	ND	0.0018	0.00073	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
1,1-Dichloropropene	ND	0.0037	0.00073	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
cis-1,3-Dichloropropene	ND	0.00091	0.00037	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
trans-1,3-Dichloropropene	ND	0.00091	0.00037	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
Diethyl Ether	ND	0.018	0.00064	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-6 (16-18) | Sampled: 6/11/2019 15:00

Sample ID: 19F0630-12

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.00091	0.00018	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
1,4-Dioxane	ND	0.091	0.0048	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
Ethylbenzene	ND	0.0018	0.00055	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
Hexachlorobutadiene	ND	0.0018	0.00064	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
2-Hexanone (MBK)	ND	0.018	0.0018	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
Isopropylbenzene (Cumene)	ND	0.0018	0.00055	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0018	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
Methyl Acetate	ND	0.0018	0.00064	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0037	0.00027	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
Methyl Cyclohexane	ND	0.0018	0.00064	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
Methylene Chloride	0.0014	0.018	0.00091	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 22:11	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.018	0.0023	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
Naphthalene	ND	0.0037	0.00037	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
n-Propylbenzene	ND	0.0018	0.00055	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
Styrene	ND	0.0018	0.00037	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
1,1,1,2-Tetrachloroethane	ND	0.0018	0.00091	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
1,1,2,2-Tetrachloroethane	ND	0.00091	0.00037	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
Tetrachloroethylene	0.0036	0.0018	0.0011	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
Tetrahydrofuran	ND	0.0091	0.0010	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
Toluene	ND	0.0018	0.00055	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
1,2,3-Trichlorobenzene	ND	0.0018	0.00091	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
1,2,4-Trichlorobenzene	ND	0.0018	0.00037	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
1,3,5-Trichlorobenzene	ND	0.0018	0.00027	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
1,1,1-Trichloroethane	ND	0.0018	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
1,1,2-Trichloroethane	ND	0.0018	0.00037	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
Trichloroethylene	ND	0.0018	0.00073	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0091	0.00064	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
1,2,3-Trichloropropane	ND	0.0037	0.00073	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0091	0.00073	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
1,2,4-Trimethylbenzene	ND	0.0018	0.00027	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
1,3,5-Trimethylbenzene	ND	0.0018	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
Vinyl Chloride	ND	0.0091	0.00082	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
m+p Xylene	ND	0.0037	0.00091	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF
o-Xylene	ND	0.0018	0.00055	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:11	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	98.4	70-130		6/13/19 22:11
Toluene-d8	98.9	70-130		6/13/19 22:11
4-Bromofluorobenzene	104	70-130		6/13/19 22:11

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-6 (16-18) Sampled: 6/11/2019 15:00

Sample ID: 19F0630-12

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.20	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
Acenaphthylene	ND	0.20	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
Acetophenone	ND	0.39	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
Aniline	ND	0.39	0.092	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
Anthracene	ND	0.20	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
Benzidine	ND	0.76	0.21	mg/Kg dry	1	V-04, V-35	SW-846 8270D	6/13/19	6/19/19 9:14	IMR
Benzo(a)anthracene	ND	0.20	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
Benzo(a)pyrene	ND	0.20	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
Benzo(b)fluoranthene	ND	0.20	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
Benzo(g,h,i)perylene	ND	0.20	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
Benzo(k)fluoranthene	ND	0.20	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
Benzoic Acid	ND	1.2	0.68	mg/Kg dry	1	UJ L-04	SW-846 8270D	6/13/19	6/19/19 9:14	IMR
Bis(2-chloroethoxy)methane	ND	0.39	0.16	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
Bis(2-chloroethyl)ether	ND	0.39	0.20	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
Bis(2-chloroisopropyl)ether	ND	0.39	0.27	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
Bis(2-Ethylhexyl)phthalate	ND	0.39	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
4-Bromophenylphenylether	ND	0.39	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
Butylbenzylphthalate	ND	0.39	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
Carbazole	ND	0.20	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
4-Chloroaniline	ND	0.76	0.16	mg/Kg dry	1	V-34	SW-846 8270D	6/13/19	6/19/19 9:14	IMR
4-Chloro-3-methylphenol	ND	0.76	0.16	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
2-Chloronaphthalene	ND	0.39	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
2-Chlorophenol	ND	0.39	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
4-Chlorophenylphenylether	ND	0.39	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
Chrysene	ND	0.20	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
Dibenz(a,h)anthracene	ND	0.20	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
Dibenzofuran	ND	0.39	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
Di-n-butylphthalate	ND	0.39	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
1,2-Dichlorobenzene	ND	0.39	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
1,3-Dichlorobenzene	ND	0.39	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
1,4-Dichlorobenzene	ND	0.39	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
3,3-Dichlorobenzidine	ND	0.20	0.15	mg/Kg dry	1	V-34	SW-846 8270D	6/13/19	6/19/19 9:14	IMR
2,4-Dichlorophenol	ND	0.39	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
Diethylphthalate	ND	0.39	0.16	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
2,4-Dimethylphenol	ND	0.39	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
Dimethylphthalate	ND	0.39	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
4,6-Dinitro-2-methylphenol	ND	0.39	0.35	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
2,4-Dinitrophenol	ND	0.76	0.53	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
2,4-Dinitrotoluene	ND	0.39	0.18	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
2,6-Dinitrotoluene	ND	0.39	0.18	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
Di-n-octylphthalate	ND	0.39	0.17	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
1,2-Diphenylhydrazine/Azobenzene	ND	0.39	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
Fluoranthene	ND	0.20	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
Fluorene	ND	0.20	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-6 (16-18) | Sampled: 6/11/2019 15:00

Sample ID: 19F0630-12

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.39	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
Hexachlorobutadiene	ND	0.39	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
Hexachlorocyclopentadiene	ND	0.39	0.32	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
Hexachloroethane	ND	0.39	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
Indeno(1,2,3-cd)pyrene	ND	0.20	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
Isophorone	ND	0.39	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
1-Methylnaphthalene	ND	0.20	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
2-Methylnaphthalene	ND	0.20	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
2-Methylphenol	ND	0.39	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
3/4-Methylphenol	ND	0.39	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
Naphthalene	ND	0.20	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
2-Nitroaniline	ND	0.39	0.23	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
3-Nitroaniline	ND	0.39	0.16	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
4-Nitroaniline	ND	0.39	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
Nitrobenzene	ND	0.39	0.16	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
2-Nitrophenol	ND	0.39	0.16	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
4-Nitrophenol	ND	0.76	0.28	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
N-Nitrosodimethylamine	ND	0.39	0.21	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
N-Nitrosodiphenylamine/Diphenylamine	ND	0.39	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
N-Nitrosodi-n-propylamine	ND	0.39	0.17	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
Pentachloronitrobenzene	ND	0.39	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
Pentachlorophenol	ND	0.39	0.27	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
Phenanthrene	ND	0.20	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
Phenol	ND	0.39	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
Pyrene	ND	0.20	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
Pyridine	ND	0.39	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
1,2,4,5-Tetrachlorobenzene	ND	0.39	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
1,2,4-Trichlorobenzene	ND	0.39	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
2,4,5-Trichlorophenol	ND	0.39	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR
2,4,6-Trichlorophenol	ND	0.39	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:14	IMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	64.6	30-130		6/19/19 9:14
Phenol-d6	67.2	30-130		6/19/19 9:14
Nitrobenzene-d5	59.9	30-130		6/19/19 9:14
2-Fluorobiphenyl	77.3	30-130		6/19/19 9:14
2,4,6-Tribromophenol	75.7	30-130		6/19/19 9:14
p-Terphenyl-d14	87.7	30-130		6/19/19 9:14

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-6 (16-18) Sampled: 6/11/2019 15:00

Sample ID: 19F0630-12

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	5.0	1.9	0.97	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:16	EJB
Barium	38	1.9	0.95	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:16	EJB
Cadmium	0.28	0.19	0.12	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:16	EJB
Chromium	8.2	0.39	0.24	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:16	EJB
Lead	7.4	0.58	0.34	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:16	EJB
Mercury	0.016	0.028	0.0085	mg/Kg dry	1	J	SW-846 7471B	6/17/19	6/18/19 10:59	AJL
Selenium	ND	3.9	3.2	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:16	EJB
Silver	ND	0.39	0.23	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:16	EJB

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-6 (16-18) Sampled: 6/11/2019 15:00

Sample ID: 19F0630-12

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.1		% Wt	1		SM 2540G	6/13/19	6/14/19 7:44	JDN

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Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-7 (0-2) Sampled: 6/12/2019 07:40

Sample ID: 19F0630-13

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	0.029	0.10	0.0086	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 22:38	MFF
Acrylonitrile	ND	0.0062	0.0010	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0010	0.00031	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
Benzene	ND	0.0021	0.00062	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
Bromobenzene	ND	0.0021	0.00041	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
Bromochloromethane	ND	0.0041	0.00082	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
Bromodichloromethane	ND	0.0021	0.00051	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
Bromoform	ND	0.0041	0.00072	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
Bromomethane	ND	0.010	0.0011	mg/Kg dry	1	V-34	SW-846 8260C	6/13/19	6/13/19 22:38	MFF
2-Butanone (MEK)	ND	0.041	0.0057	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
tert-Butyl Alcohol (TBA)	ND	0.041	0.0046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
n-Butylbenzene	ND	0.0021	0.00051	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
sec-Butylbenzene	ND	0.0021	0.00082	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
tert-Butylbenzene	ND	0.0021	0.00062	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0010	0.00021	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
Carbon Disulfide	ND	0.0062	0.0056	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
Carbon Tetrachloride	ND	0.0021	0.00072	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
Chlorobenzene	ND	0.0021	0.00051	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
Chlorodibromomethane	ND	0.0021	0.00041	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
Chloroethane	ND	0.021	0.00082	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
Chloroform	ND	0.0041	0.00051	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
Chloromethane	ND	0.010	0.00072	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
2-Chlorotoluene	ND	0.0021	0.00031	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
4-Chlorotoluene	ND	0.0021	0.00041	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0021	0.0010	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
1,2-Dibromoethane (EDB)	ND	0.0010	0.00072	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
Dibromomethane	ND	0.0021	0.00082	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
1,2-Dichlorobenzene	ND	0.0021	0.00041	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
1,3-Dichlorobenzene	ND	0.0021	0.00041	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
1,4-Dichlorobenzene	ND	0.0021	0.00082	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
trans-1,4-Dichloro-2-butene	ND	0.0041	0.00062	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.021	0.0011	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
1,1-Dichloroethane	ND	0.0021	0.00041	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
1,2-Dichloroethane	ND	0.0021	0.00051	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
1,1-Dichloroethylene	ND	0.0041	0.00072	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
cis-1,2-Dichloroethylene	ND	0.0021	0.00072	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
trans-1,2-Dichloroethylene	ND	0.0021	0.00062	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
1,2-Dichloropropane	ND	0.0021	0.00082	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
1,3-Dichloropropane	ND	0.0010	0.00051	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
2,2-Dichloropropane	ND	0.0021	0.00082	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
1,1-Dichloropropene	ND	0.0041	0.00082	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
cis-1,3-Dichloropropene	ND	0.0010	0.00041	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
trans-1,3-Dichloropropene	ND	0.0010	0.00041	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
Diethyl Ether	0.0020	0.021	0.00072	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 22:38	MFF

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Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-7 (0-2) Sampled: 6/12/2019 07:40

Sample ID: 19F0630-13

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0010	0.00021	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
1,4-Dioxane	ND	0.10	0.0055	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
Ethylbenzene	ND	0.0021	0.00062	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
Hexachlorobutadiene	ND	0.0021	0.00072	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
2-Hexanone (MBK)	ND	0.021	0.0021	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
Isopropylbenzene (Cumene)	ND	0.0021	0.00062	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0021	0.00051	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
Methyl Acetate	ND	0.0021	0.00072	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0041	0.00031	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
Methyl Cyclohexane	ND	0.0021	0.00072	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
Methylene Chloride	0.0022	0.021	0.0010	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 22:38	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.021	0.0026	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
Naphthalene	ND	0.0041	0.00041	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
n-Propylbenzene	ND	0.0021	0.00062	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
Styrene	ND	0.0021	0.00041	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
1,1,1,2-Tetrachloroethane	ND	0.0021	0.0010	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
1,1,2,2-Tetrachloroethane	ND	0.0010	0.00041	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
Tetrachloroethylene	ND	0.0021	0.0012	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
Tetrahydrofuran	ND	0.010	0.0011	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
Toluene	ND	0.0021	0.00062	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
1,2,3-Trichlorobenzene	ND	0.0021	0.0010	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
1,2,4-Trichlorobenzene	ND	0.0021	0.00041	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
1,3,5-Trichlorobenzene	ND	0.0021	0.00031	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
1,1,1-Trichloroethane	ND	0.0021	0.00051	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
1,1,2-Trichloroethane	ND	0.0021	0.00041	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
Trichloroethylene	ND	0.0021	0.00082	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
Trichlorofluoromethane (Freon 11)	ND	0.010	0.00072	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
1,2,3-Trichloropropane	ND	0.0041	0.00082	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	0.00082	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
1,2,4-Trimethylbenzene	ND	0.0021	0.00031	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
1,3,5-Trimethylbenzene	ND	0.0021	0.00051	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
Vinyl Chloride	ND	0.010	0.00093	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
m+p Xylene	ND	0.0041	0.0010	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF
o-Xylene	ND	0.0021	0.00062	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 22:38	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	99.0	70-130		6/13/19 22:38
Toluene-d8	98.6	70-130		6/13/19 22:38
4-Bromofluorobenzene	102	70-130		6/13/19 22:38

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-7 (0-2) Sampled: 6/12/2019 07:40

Sample ID: 19F0630-13

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.18	0.094	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
Acenaphthylene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
Acetophenone	ND	0.35	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
Aniline	ND	0.35	0.083	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
Anthracene	0.43	0.18	0.094	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
Benzidine	ND	0.69	0.19	mg/Kg dry	1	V-04, V-35	SW-846 8270D	6/13/19	6/19/19 9:48	IMR
Benzo(a)anthracene	1.7	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
Benzo(a)pyrene	1.6	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
Benzo(b)fluoranthene	1.8	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
Benzo(g,h,i)perylene	1.3	0.18	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
Benzo(k)fluoranthene	0.69	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
Benzoic Acid	ND	1.0	0.62	mg/Kg dry	1	UJ L-04	SW-846 8270D	6/13/19	6/19/19 9:48	IMR
Bis(2-chloroethoxy)methane	ND	0.35	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
Bis(2-chloroethyl)ether	ND	0.35	0.18	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
Bis(2-chloroisopropyl)ether	ND	0.35	0.24	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
Bis(2-Ethylhexyl)phthalate	ND	0.35	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
4-Bromophenylphenylether	ND	0.35	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
Butylbenzylphthalate	ND	0.35	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
Carbazole	0.29	0.18	0.094	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
4-Chloroaniline	ND	0.69	0.15	mg/Kg dry	1	V-34	SW-846 8270D	6/13/19	6/19/19 9:48	IMR
4-Chloro-3-methylphenol	ND	0.69	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
2-Chloronaphthalene	ND	0.35	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
2-Chlorophenol	ND	0.35	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
4-Chlorophenylphenylether	ND	0.35	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
Chrysene	1.5	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
Dibenz(a,h)anthracene	0.25	0.18	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
Dibenzofuran	ND	0.35	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
Di-n-butylphthalate	ND	0.35	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
1,2-Dichlorobenzene	ND	0.35	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
1,3-Dichlorobenzene	ND	0.35	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
1,4-Dichlorobenzene	ND	0.35	0.094	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
3,3-Dichlorobenzidine	ND	0.18	0.14	mg/Kg dry	1	V-34	SW-846 8270D	6/13/19	6/19/19 9:48	IMR
2,4-Dichlorophenol	ND	0.35	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
Diethylphthalate	ND	0.35	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
2,4-Dimethylphenol	ND	0.35	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
Dimethylphthalate	ND	0.35	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
4,6-Dinitro-2-methylphenol	ND	0.35	0.31	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
2,4-Dinitrophenol	ND	0.69	0.48	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
2,4-Dinitrotoluene	ND	0.35	0.17	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
2,6-Dinitrotoluene	ND	0.35	0.17	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
Di-n-octylphthalate	ND	0.35	0.16	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
1,2-Diphenylhydrazine/Azobenzene	ND	0.35	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
Fluoranthene	3.8	0.18	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
Fluorene	ND	0.18	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR

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Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-7 (0-2) Sampled: 6/12/2019 07:40

Sample ID: 19F0630-13

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.35	0.094	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
Hexachlorobutadiene	ND	0.35	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
Hexachlorocyclopentadiene	ND	0.35	0.29	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
Hexachloroethane	ND	0.35	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
Indeno(1,2,3-cd)pyrene	1.3	0.18	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
Isophorone	ND	0.35	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
1-Methylnaphthalene	ND	0.18	0.094	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
2-Methylnaphthalene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
2-Methylphenol	ND	0.35	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
3/4-Methylphenol	ND	0.35	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
Naphthalene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
2-Nitroaniline	ND	0.35	0.21	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
3-Nitroaniline	ND	0.35	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
4-Nitroaniline	ND	0.35	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
Nitrobenzene	ND	0.35	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
2-Nitrophenol	ND	0.35	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
4-Nitrophenol	ND	0.69	0.25	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
N-Nitrosodimethylamine	ND	0.35	0.19	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
N-Nitrosodiphenylamine/Diphenylamine	ND	0.35	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
N-Nitrosodi-n-propylamine	ND	0.35	0.16	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
Pentachloronitrobenzene	ND	0.35	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
Pentachlorophenol	ND	0.35	0.24	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
Phenanthrene	2.1	0.18	0.094	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
Phenol	ND	0.35	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
Pyrene	3.5	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
Pyridine	ND	0.35	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
1,2,4,5-Tetrachlorobenzene	ND	0.35	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
1,2,4-Trichlorobenzene	ND	0.35	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
2,4,5-Trichlorophenol	ND	0.35	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR
2,4,6-Trichlorophenol	ND	0.35	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 9:48	IMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	61.0	30-130		6/19/19 9:48
Phenol-d6	64.3	30-130		6/19/19 9:48
Nitrobenzene-d5	61.0	30-130		6/19/19 9:48
2-Fluorobiphenyl	79.7	30-130		6/19/19 9:48
2,4,6-Tribromophenol	65.6	30-130		6/19/19 9:48
p-Terphenyl-d14	80.0	30-130		6/19/19 9:48

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-7 (0-2) Sampled: 6/12/2019 07:40

Sample ID: 19F0630-13

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	4.5	1.8	0.89	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:21	EJB
Barium	47	1.8	0.87	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:21	EJB
Cadmium	0.36	0.18	0.11	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:21	EJB
Chromium	9.2	0.35	0.22	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:21	EJB
Lead	49	0.53	0.31	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:21	EJB
Mercury	0.13	0.027	0.0081	mg/Kg dry	1		SW-846 7471B	6/17/19	6/18/19 11:01	AJL
Selenium	ND	3.5	2.9	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:21	EJB
Silver	ND	0.35	0.21	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:21	EJB

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Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-7 (0-2) Sampled: 6/12/2019 07:40

Sample ID: 19F0630-13

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	93.7		% Wt	1		SM 2540G	6/13/19	6/14/19 7:45	JDN

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Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-7 (18-20) Sampled: 6/12/2019 08:15

Sample ID: 19F0630-14

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	0.0097	0.086	0.0072	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 23:06	MFF
Acrylonitrile	ND	0.0052	0.00086	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00086	0.00026	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
Benzene	ND	0.0017	0.00052	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
Bromobenzene	ND	0.0017	0.00034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
Bromochloromethane	ND	0.0034	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
Bromodichloromethane	ND	0.0017	0.00043	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
Bromoform	ND	0.0034	0.00060	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
Bromomethane	ND	0.0086	0.00095	mg/Kg dry	1	V-34	SW-846 8260C	6/13/19	6/13/19 23:06	MFF
2-Butanone (MEK)	ND	0.034	0.0047	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
tert-Butyl Alcohol (TBA)	ND	0.034	0.0039	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
n-Butylbenzene	ND	0.0017	0.00043	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
sec-Butylbenzene	ND	0.0017	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
tert-Butylbenzene	ND	0.0017	0.00052	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00086	0.00017	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
Carbon Disulfide	ND	0.0052	0.0047	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
Carbon Tetrachloride	ND	0.0017	0.00060	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
Chlorobenzene	ND	0.0017	0.00043	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
Chlorodibromomethane	ND	0.0017	0.00034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
Chloroethane	ND	0.017	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
Chloroform	ND	0.0034	0.00043	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
Chloromethane	ND	0.0086	0.00060	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
2-Chlorotoluene	ND	0.0017	0.00026	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
4-Chlorotoluene	ND	0.0017	0.00034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0017	0.00086	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
1,2-Dibromoethane (EDB)	ND	0.00086	0.00060	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
Dibromomethane	ND	0.0017	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
1,2-Dichlorobenzene	ND	0.0017	0.00034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
1,3-Dichlorobenzene	ND	0.0017	0.00034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
1,4-Dichlorobenzene	ND	0.0017	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
trans-1,4-Dichloro-2-butene	ND	0.0034	0.00052	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.017	0.00095	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
1,1-Dichloroethane	ND	0.0017	0.00034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
1,2-Dichloroethane	ND	0.0017	0.00043	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
1,1-Dichloroethylene	ND	0.0034	0.00060	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
cis-1,2-Dichloroethylene	ND	0.0017	0.00060	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
trans-1,2-Dichloroethylene	ND	0.0017	0.00052	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
1,2-Dichloropropane	ND	0.0017	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
1,3-Dichloropropane	ND	0.00086	0.00043	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
2,2-Dichloropropane	ND	0.0017	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
1,1-Dichloropropene	ND	0.0034	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
cis-1,3-Dichloropropene	ND	0.00086	0.00034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
trans-1,3-Dichloropropene	ND	0.00086	0.00034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
Diethyl Ether	0.0027	0.017	0.00060	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 23:06	MFF

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-7 (18-20) Sampled: 6/12/2019 08:15

Sample ID: 19F0630-14

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.00086	0.00017	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
1,4-Dioxane	ND	0.086	0.0046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
Ethylbenzene	ND	0.0017	0.00052	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
Hexachlorobutadiene	ND	0.0017	0.00060	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
2-Hexanone (MBK)	ND	0.017	0.0017	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
Isopropylbenzene (Cumene)	ND	0.0017	0.00052	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0017	0.00043	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
Methyl Acetate	ND	0.0017	0.00060	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0034	0.00026	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
Methyl Cyclohexane	ND	0.0017	0.00060	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
Methylene Chloride	0.0027	0.017	0.00086	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 23:06	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.017	0.0022	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
Naphthalene	ND	0.0034	0.00034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
n-Propylbenzene	ND	0.0017	0.00052	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
Styrene	ND	0.0017	0.00034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
1,1,1,2-Tetrachloroethane	ND	0.0017	0.00086	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
1,1,2,2-Tetrachloroethane	ND	0.00086	0.00034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
Tetrachloroethylene	ND	0.0017	0.0010	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
Tetrahydrofuran	ND	0.0086	0.00095	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
Toluene	ND	0.0017	0.00052	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
1,2,3-Trichlorobenzene	ND	0.0017	0.00086	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
1,2,4-Trichlorobenzene	ND	0.0017	0.00034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
1,3,5-Trichlorobenzene	ND	0.0017	0.00026	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
1,1,1-Trichloroethane	ND	0.0017	0.00043	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
1,1,2-Trichloroethane	ND	0.0017	0.00034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
Trichloroethylene	0.00069	0.0017	0.00069	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 23:06	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0086	0.00060	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
1,2,3-Trichloropropane	ND	0.0034	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0086	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
1,2,4-Trimethylbenzene	ND	0.0017	0.00026	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
1,3,5-Trimethylbenzene	ND	0.0017	0.00043	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
Vinyl Chloride	ND	0.0086	0.00078	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
m+p Xylene	ND	0.0034	0.00086	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF
o-Xylene	ND	0.0017	0.00052	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:06	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	97.5	70-130		6/13/19 23:06
Toluene-d8	101	70-130		6/13/19 23:06
4-Bromofluorobenzene	99.9	70-130		6/13/19 23:06

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Project Location: 615 Broadway, Kingston, NY
Sample Description:
Work Order: 19F0630
Date Received: 6/12/2019
Field Sample #: SB-7 (18-20)
Sampled: 6/12/2019 08:15
Sample ID: 19F0630-14
Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.18	0.097	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
Acenaphthylene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
Acetophenone	ND	0.36	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
Aniline	ND	0.36	0.086	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
Anthracene	ND	0.18	0.097	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
Benzidine	ND	0.71	0.19	mg/Kg dry	1	V-04, V-35	SW-846 8270D	6/13/19	6/19/19 10:09	IMR
Benzo(a)anthracene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
Benzo(a)pyrene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
Benzo(b)fluoranthene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
Benzo(g,h,i)perylene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
Benzo(k)fluoranthene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
Benzoic Acid	ND	1.1	0.63	mg/Kg dry	1	UJ L-04	SW-846 8270D	6/13/19	6/19/19 10:09	IMR
Bis(2-chloroethoxy)methane	ND	0.36	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
Bis(2-chloroethyl)ether	ND	0.36	0.18	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
Bis(2-chloroisopropyl)ether	ND	0.36	0.25	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
Bis(2-Ethylhexyl)phthalate	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
4-Bromophenylphenylether	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
Butylbenzylphthalate	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
Carbazole	ND	0.18	0.097	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
4-Chloroaniline	ND	0.71	0.15	mg/Kg dry	1	V-34	SW-846 8270D	6/13/19	6/19/19 10:09	IMR
4-Chloro-3-methylphenol	ND	0.71	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
2-Chloronaphthalene	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
2-Chlorophenol	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
4-Chlorophenylphenylether	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
Chrysene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
Dibenz(a,h)anthracene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
Dibenzofuran	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
Di-n-butylphthalate	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
1,2-Dichlorobenzene	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
1,3-Dichlorobenzene	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
1,4-Dichlorobenzene	ND	0.36	0.097	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
3,3-Dichlorobenzidine	ND	0.18	0.14	mg/Kg dry	1	V-34	SW-846 8270D	6/13/19	6/19/19 10:09	IMR
2,4-Dichlorophenol	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
Diethylphthalate	ND	0.36	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
2,4-Dimethylphenol	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
Dimethylphthalate	ND	0.36	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
4,6-Dinitro-2-methylphenol	ND	0.36	0.32	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
2,4-Dinitrophenol	ND	0.71	0.49	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
2,4-Dinitrotoluene	ND	0.36	0.17	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
2,6-Dinitrotoluene	ND	0.36	0.17	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
Di-n-octylphthalate	ND	0.36	0.16	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
1,2-Diphenylhydrazine/Azobenzene	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
Fluoranthene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
Fluorene	ND	0.18	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY
Sample Description:
Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-7 (18-20)
Sampled: 6/12/2019 08:15

Sample ID: 19F0630-14

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.36	0.097	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
Hexachlorobutadiene	ND	0.36	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
Hexachlorocyclopentadiene	ND	0.36	0.30	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
Hexachloroethane	ND	0.36	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
Indeno(1,2,3-cd)pyrene	ND	0.18	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
Isophorone	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
1-Methylnaphthalene	ND	0.18	0.097	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
2-Methylnaphthalene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
2-Methylphenol	ND	0.36	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
3/4-Methylphenol	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
Naphthalene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
2-Nitroaniline	ND	0.36	0.21	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
3-Nitroaniline	ND	0.36	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
4-Nitroaniline	ND	0.36	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
Nitrobenzene	ND	0.36	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
2-Nitrophenol	ND	0.36	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
4-Nitrophenol	ND	0.71	0.26	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
N-Nitrosodimethylamine	ND	0.36	0.19	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
N-Nitrosodiphenylamine/Diphenylamine	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
N-Nitrosodi-n-propylamine	ND	0.36	0.16	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
Pentachloronitrobenzene	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
Pentachlorophenol	ND	0.36	0.25	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
Phenanthrene	ND	0.18	0.097	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
Phenol	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
Pyrene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
Pyridine	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
1,2,4,5-Tetrachlorobenzene	ND	0.36	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
1,2,4-Trichlorobenzene	ND	0.36	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
2,4,5-Trichlorophenol	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR
2,4,6-Trichlorophenol	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:09	IMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	68.0	30-130		6/19/19 10:09
Phenol-d6	69.4	30-130		6/19/19 10:09
Nitrobenzene-d5	63.4	30-130		6/19/19 10:09
2-Fluorobiphenyl	82.5	30-130		6/19/19 10:09
2,4,6-Tribromophenol	75.9	30-130		6/19/19 10:09
p-Terphenyl-d14	82.4	30-130		6/19/19 10:09

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-7 (18-20) Sampled: 6/12/2019 08:15

Sample ID: 19F0630-14

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	4.7	1.7	0.88	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:26	EJB
Barium	47	1.7	0.86	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:26	EJB
Cadmium	0.31	0.17	0.11	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:26	EJB
Chromium	8.8	0.35	0.22	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:26	EJB
Lead	6.4	0.52	0.31	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:26	EJB
Mercury	0.011	0.026	0.0077	mg/Kg dry	1	J	SW-846 7471B	6/17/19	6/18/19 11:02	AJL
Selenium	ND	3.5	2.9	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:26	EJB
Silver	ND	0.35	0.20	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:26	EJB

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY
Sample Description:
Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-7 (18-20)
Sampled: 6/12/2019 08:15

Sample ID: 19F0630-14

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	92.6		% Wt	1		SM 2540G	6/13/19	6/14/19 7:45	JDN

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY
Sample Description:
Work Order: 19F0630
Date Received: 6/12/2019
Field Sample #: SB-8 (0-2)
Sampled: 6/12/2019 08:55
Sample ID: 19F0630-15
Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	0.031	0.093	0.0078	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 23:33	MFF
Acrylonitrile	ND	0.0056	0.00093	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00093	0.00028	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
Benzene	ND	0.0019	0.00056	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
Bromobenzene	ND	0.0019	0.00037	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
Bromochloromethane	ND	0.0037	0.00074	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
Bromodichloromethane	ND	0.0019	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
Bromoform	ND	0.0037	0.00065	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
Bromomethane	ND	0.0093	0.0010	mg/Kg dry	1	V-34	SW-846 8260C	6/13/19	6/13/19 23:33	MFF
2-Butanone (MEK)	ND	0.037	0.0051	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
tert-Butyl Alcohol (TBA)	ND	0.037	0.0042	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
n-Butylbenzene	ND	0.0019	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
sec-Butylbenzene	ND	0.0019	0.00074	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
tert-Butylbenzene	ND	0.0019	0.00056	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00093	0.00019	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
Carbon Disulfide	0.0064	0.0056	0.0050	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
Carbon Tetrachloride	ND	0.0019	0.00065	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
Chlorobenzene	ND	0.0019	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
Chlorodibromomethane	ND	0.0019	0.00037	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
Chloroethane	ND	0.019	0.00074	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
Chloroform	ND	0.0037	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
Chloromethane	ND	0.0093	0.00065	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
2-Chlorotoluene	ND	0.0019	0.00028	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
4-Chlorotoluene	ND	0.0019	0.00037	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0019	0.00093	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
1,2-Dibromoethane (EDB)	ND	0.00093	0.00065	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
Dibromomethane	ND	0.0019	0.00074	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
1,2-Dichlorobenzene	ND	0.0019	0.00037	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
1,3-Dichlorobenzene	ND	0.0019	0.00037	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
1,4-Dichlorobenzene	ND	0.0019	0.00074	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
trans-1,4-Dichloro-2-butene	ND	0.0037	0.00056	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.019	0.0010	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
1,1-Dichloroethane	ND	0.0019	0.00037	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
1,2-Dichloroethane	ND	0.0019	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
1,1-Dichloroethylene	ND	0.0037	0.00065	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
cis-1,2-Dichloroethylene	ND	0.0019	0.00065	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
trans-1,2-Dichloroethylene	ND	0.0019	0.00056	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
1,2-Dichloropropane	ND	0.0019	0.00074	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
1,3-Dichloropropane	ND	0.00093	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
2,2-Dichloropropane	ND	0.0019	0.00074	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
1,1-Dichloropropene	ND	0.0037	0.00074	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
cis-1,3-Dichloropropene	ND	0.00093	0.00037	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
trans-1,3-Dichloropropene	ND	0.00093	0.00037	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
Diethyl Ether	0.0025	0.019	0.00065	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 23:33	MFF

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-8 (0-2) | Sampled: 6/12/2019 08:55

Sample ID: 19F0630-15

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.00093	0.00019	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
1,4-Dioxane	ND	0.093	0.0049	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
Ethylbenzene	ND	0.0019	0.00056	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
Hexachlorobutadiene	ND	0.0019	0.00065	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
2-Hexanone (MBK)	ND	0.019	0.0019	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
Isopropylbenzene (Cumene)	ND	0.0019	0.00056	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0019	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
Methyl Acetate	ND	0.0019	0.00065	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0037	0.00028	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
Methyl Cyclohexane	ND	0.0019	0.00065	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
Methylene Chloride	0.0029	0.019	0.00093	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/13/19 23:33	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.019	0.0023	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
Naphthalene	ND	0.0037	0.00037	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
n-Propylbenzene	ND	0.0019	0.00056	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
Styrene	ND	0.0019	0.00037	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
1,1,1,2-Tetrachloroethane	ND	0.0019	0.00093	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
1,1,2,2-Tetrachloroethane	ND	0.00093	0.00037	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
Tetrachloroethylene	ND	0.0019	0.0011	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
Tetrahydrofuran	ND	0.0093	0.0010	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
Toluene	ND	0.0019	0.00056	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
1,2,3-Trichlorobenzene	ND	0.0019	0.00093	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
1,2,4-Trichlorobenzene	ND	0.0019	0.00037	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
1,3,5-Trichlorobenzene	ND	0.0019	0.00028	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
1,1,1-Trichloroethane	ND	0.0019	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
1,1,2-Trichloroethane	ND	0.0019	0.00037	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
Trichloroethylene	ND	0.0019	0.00074	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0093	0.00065	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
1,2,3-Trichloropropane	ND	0.0037	0.00074	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0093	0.00074	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
1,2,4-Trimethylbenzene	ND	0.0019	0.00028	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
1,3,5-Trimethylbenzene	ND	0.0019	0.00046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
Vinyl Chloride	ND	0.0093	0.00083	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
m+p Xylene	ND	0.0037	0.00093	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF
o-Xylene	ND	0.0019	0.00056	mg/Kg dry	1		SW-846 8260C	6/13/19	6/13/19 23:33	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	97.2	70-130		6/13/19 23:33
Toluene-d8	98.3	70-130		6/13/19 23:33
4-Bromofluorobenzene	102	70-130		6/13/19 23:33

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY
Sample Description:
Work Order: 19F0630
Date Received: 6/12/2019
Field Sample #: SB-8 (0-2)
Sampled: 6/12/2019 08:55
Sample ID: 19F0630-15
Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.18	0.098	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
Acenaphthylene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
Acetophenone	ND	0.37	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
Aniline	ND	0.37	0.087	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
Anthracene	ND	0.18	0.098	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
Benzidine	ND	0.72	0.20	mg/Kg dry	1	V-04, V-35	SW-846 8270D	6/13/19	6/19/19 10:37	IMR
Benzo(a)anthracene	0.15	0.18	0.12	mg/Kg dry	1	J	SW-846 8270D	6/13/19	6/19/19 10:37	IMR
Benzo(a)pyrene	0.16	0.18	0.12	mg/Kg dry	1	J	SW-846 8270D	6/13/19	6/19/19 10:37	IMR
Benzo(b)fluoranthene	0.20	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
Benzo(g,h,i)perylene	0.15	0.18	0.11	mg/Kg dry	1	J	SW-846 8270D	6/13/19	6/19/19 10:37	IMR
Benzo(k)fluoranthene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
Benzoic Acid	ND	1.1	0.64	mg/Kg dry	1	UJ L-04	SW-846 8270D	6/13/19	6/19/19 10:37	IMR
Bis(2-chloroethoxy)methane	ND	0.37	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
Bis(2-chloroethyl)ether	ND	0.37	0.18	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
Bis(2-chloroisopropyl)ether	ND	0.37	0.25	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
Bis(2-Ethylhexyl)phthalate	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
4-Bromophenylphenylether	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
Butylbenzylphthalate	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
Carbazole	ND	0.18	0.098	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
4-Chloroaniline	ND	0.72	0.15	mg/Kg dry	1	V-34	SW-846 8270D	6/13/19	6/19/19 10:37	IMR
4-Chloro-3-methylphenol	ND	0.72	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
2-Chloronaphthalene	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
2-Chlorophenol	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
4-Chlorophenylphenylether	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
Chrysene	0.17	0.18	0.12	mg/Kg dry	1	J	SW-846 8270D	6/13/19	6/19/19 10:37	IMR
Dibenz(a,h)anthracene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
Dibenzofuran	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
Di-n-butylphthalate	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
1,2-Dichlorobenzene	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
1,3-Dichlorobenzene	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
1,4-Dichlorobenzene	ND	0.37	0.098	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
3,3-Dichlorobenzidine	ND	0.18	0.14	mg/Kg dry	1	V-34	SW-846 8270D	6/13/19	6/19/19 10:37	IMR
2,4-Dichlorophenol	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
Diethylphthalate	ND	0.37	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
2,4-Dimethylphenol	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
Dimethylphthalate	ND	0.37	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
4,6-Dinitro-2-methylphenol	ND	0.37	0.33	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
2,4-Dinitrophenol	ND	0.72	0.50	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
2,4-Dinitrotoluene	ND	0.37	0.17	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
2,6-Dinitrotoluene	ND	0.37	0.17	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
Di-n-octylphthalate	ND	0.37	0.16	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
1,2-Diphenylhydrazine/Azobenzene	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
Fluoranthene	0.32	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
Fluorene	ND	0.18	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY
Sample Description:
Work Order: 19F0630
Date Received: 6/12/2019
Field Sample #: SB-8 (0-2)
Sampled: 6/12/2019 08:55
Sample ID: 19F0630-15
Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.37	0.098	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
Hexachlorobutadiene	ND	0.37	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
Hexachlorocyclopentadiene	ND	0.37	0.30	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
Hexachloroethane	ND	0.37	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
Indeno(1,2,3-cd)pyrene	ND	0.18	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
Isophorone	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
1-Methylnaphthalene	ND	0.18	0.098	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
2-Methylnaphthalene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
2-Methylphenol	ND	0.37	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
3/4-Methylphenol	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
Naphthalene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
2-Nitroaniline	ND	0.37	0.22	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
3-Nitroaniline	ND	0.37	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
4-Nitroaniline	ND	0.37	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
Nitrobenzene	ND	0.37	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
2-Nitrophenol	ND	0.37	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
4-Nitrophenol	ND	0.72	0.26	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
N-Nitrosodimethylamine	ND	0.37	0.20	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
N-Nitrosodiphenylamine/Diphenylamine	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
N-Nitrosodi-n-propylamine	ND	0.37	0.16	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
Pentachloronitrobenzene	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
Pentachlorophenol	ND	0.37	0.25	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
Phenanthrene	0.15	0.18	0.098	mg/Kg dry	1	J	SW-846 8270D	6/13/19	6/19/19 10:37	IMR
Phenol	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
Pyrene	0.30	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
Pyridine	ND	0.37	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
1,2,4,5-Tetrachlorobenzene	ND	0.37	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
1,2,4-Trichlorobenzene	ND	0.37	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
2,4,5-Trichlorophenol	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR
2,4,6-Trichlorophenol	ND	0.37	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 10:37	IMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	66.6	30-130		6/19/19 10:37
Phenol-d6	67.2	30-130		6/19/19 10:37
Nitrobenzene-d5	63.4	30-130		6/19/19 10:37
2-Fluorobiphenyl	78.9	30-130		6/19/19 10:37
2,4,6-Tribromophenol	71.3	30-130		6/19/19 10:37
p-Terphenyl-d14	93.8	30-130		6/19/19 10:37

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY
Sample Description:
Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-8 (0-2)
Sampled: 6/12/2019 08:55

Sample ID: 19F0630-15

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	3.7	1.8	0.93	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:31	EJB
Barium	39	1.8	0.91	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:31	EJB
Cadmium	0.32	0.18	0.11	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:31	EJB
Chromium	11	0.37	0.23	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:31	EJB
Lead	350	0.55	0.33	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:31	EJB
Mercury	0.034	0.028	0.0084	mg/Kg dry	1		SW-846 7471B	6/17/19	6/18/19 11:04	AJL
Selenium	ND	3.7	3.1	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:31	EJB
Silver	ND	0.37	0.22	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:31	EJB

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-8 (0-2) Sampled: 6/12/2019 08:55

Sample ID: 19F0630-15

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	91.2		% Wt	1		SM 2540G	6/13/19	6/14/19 7:45	JDN

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-8 (18-20) Sampled: 6/12/2019 09:05

Sample ID: 19F0630-16

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	0.0076	0.069	0.0058	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/14/19 0:00	MFF
Acrylonitrile	ND	0.0041	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00069	0.00021	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
Benzene	ND	0.0014	0.00041	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
Bromobenzene	ND	0.0014	0.00028	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
Bromochloromethane	ND	0.0028	0.00055	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
Bromodichloromethane	ND	0.0014	0.00034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
Bromoform	ND	0.0028	0.00048	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
Bromomethane	ND	0.0069	0.00076	mg/Kg dry	1	V-34	SW-846 8260C	6/13/19	6/14/19 0:00	MFF
2-Butanone (MEK)	ND	0.028	0.0038	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
tert-Butyl Alcohol (TBA)	ND	0.028	0.0031	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
n-Butylbenzene	ND	0.0014	0.00034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
sec-Butylbenzene	ND	0.0014	0.00055	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
tert-Butylbenzene	ND	0.0014	0.00041	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00069	0.00014	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
Carbon Disulfide	ND	0.0041	0.0037	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
Carbon Tetrachloride	ND	0.0014	0.00048	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
Chlorobenzene	ND	0.0014	0.00034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
Chlorodibromomethane	ND	0.0014	0.00028	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
Chloroethane	ND	0.014	0.00055	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
Chloroform	ND	0.0028	0.00034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
Chloromethane	ND	0.0069	0.00048	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
2-Chlorotoluene	ND	0.0014	0.00021	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
4-Chlorotoluene	ND	0.0014	0.00028	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0014	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
1,2-Dibromoethane (EDB)	ND	0.00069	0.00048	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
Dibromomethane	ND	0.0014	0.00055	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
1,2-Dichlorobenzene	ND	0.0014	0.00028	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
1,3-Dichlorobenzene	ND	0.0014	0.00028	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
1,4-Dichlorobenzene	ND	0.0014	0.00055	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
trans-1,4-Dichloro-2-butene	ND	0.0028	0.00041	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.014	0.00076	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
1,1-Dichloroethane	ND	0.0014	0.00028	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
1,2-Dichloroethane	ND	0.0014	0.00034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
1,1-Dichloroethylene	ND	0.0028	0.00048	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
cis-1,2-Dichloroethylene	ND	0.0014	0.00048	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
trans-1,2-Dichloroethylene	ND	0.0014	0.00041	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
1,2-Dichloropropane	ND	0.0014	0.00055	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
1,3-Dichloropropane	ND	0.00069	0.00034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
2,2-Dichloropropane	ND	0.0014	0.00055	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
1,1-Dichloropropene	ND	0.0028	0.00055	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
cis-1,3-Dichloropropene	ND	0.00069	0.00028	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
trans-1,3-Dichloropropene	ND	0.00069	0.00028	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
Diethyl Ether	0.0013	0.014	0.00048	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/14/19 0:00	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-8 (18-20) Sampled: 6/12/2019 09:05

Sample ID: 19F0630-16

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.00069	0.00014	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
1,4-Dioxane	ND	0.069	0.0036	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
Ethylbenzene	ND	0.0014	0.00041	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
Hexachlorobutadiene	ND	0.0014	0.00048	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
2-Hexanone (MBK)	ND	0.014	0.0014	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
Isopropylbenzene (Cumene)	ND	0.0014	0.00041	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0014	0.00034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
Methyl Acetate	ND	0.0014	0.00048	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0028	0.00021	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
Methyl Cyclohexane	ND	0.0014	0.00048	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
Methylene Chloride	0.0021	0.014	0.00069	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/14/19 0:00	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.014	0.0017	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
Naphthalene	ND	0.0028	0.00028	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
n-Propylbenzene	ND	0.0014	0.00041	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
Styrene	ND	0.0014	0.00028	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
1,1,1,2-Tetrachloroethane	ND	0.0014	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
1,1,2,2-Tetrachloroethane	ND	0.00069	0.00028	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
Tetrachloroethylene	0.0011	0.0014	0.00083	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/14/19 0:00	MFF
Tetrahydrofuran	ND	0.0069	0.00076	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
Toluene	ND	0.0014	0.00041	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
1,2,3-Trichlorobenzene	ND	0.0014	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
1,2,4-Trichlorobenzene	ND	0.0014	0.00028	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
1,3,5-Trichlorobenzene	ND	0.0014	0.00021	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
1,1,1-Trichloroethane	ND	0.0014	0.00034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
1,1,2-Trichloroethane	ND	0.0014	0.00028	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
Trichloroethylene	0.00078	0.0014	0.00055	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/14/19 0:00	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0069	0.00048	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
1,2,3-Trichloropropane	ND	0.0028	0.00055	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0069	0.00055	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
1,2,4-Trimethylbenzene	ND	0.0014	0.00021	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
1,3,5-Trimethylbenzene	ND	0.0014	0.00034	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
Vinyl Chloride	ND	0.0069	0.00062	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
m+p Xylene	ND	0.0028	0.00069	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF
o-Xylene	ND	0.0014	0.00041	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:00	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	96.3	70-130			6/14/19 0:00
Toluene-d8	98.9	70-130			6/14/19 0:00
4-Bromofluorobenzene	102	70-130			6/14/19 0:00

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-8 (18-20) Sampled: 6/12/2019 09:05

Sample ID: 19F0630-16

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.19	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
Acenaphthylene	ND	0.19	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
Acetophenone	ND	0.39	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
Aniline	ND	0.39	0.091	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
Anthracene	ND	0.19	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
Benzidine	ND	0.75	0.21	mg/Kg dry	1	V-04, V-35	SW-846 8270D	6/13/19	6/19/19 11:05	IMR
Benzo(a)anthracene	ND	0.19	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
Benzo(a)pyrene	ND	0.19	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
Benzo(b)fluoranthene	ND	0.19	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
Benzo(g,h,i)perylene	ND	0.19	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
Benzo(k)fluoranthene	ND	0.19	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
Benzoic Acid	ND	1.1	0.67	mg/Kg dry	1	UJ L-04	SW-846 8270D	6/13/19	6/19/19 11:05	IMR
Bis(2-chloroethoxy)methane	ND	0.39	0.16	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
Bis(2-chloroethyl)ether	ND	0.39	0.19	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
Bis(2-chloroisopropyl)ether	ND	0.39	0.26	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
Bis(2-Ethylhexyl)phthalate	ND	0.39	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
4-Bromophenylphenylether	ND	0.39	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
Butylbenzylphthalate	ND	0.39	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
Carbazole	ND	0.19	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
4-Chloroaniline	ND	0.75	0.16	mg/Kg dry	1	V-34	SW-846 8270D	6/13/19	6/19/19 11:05	IMR
4-Chloro-3-methylphenol	ND	0.75	0.16	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
2-Chloronaphthalene	ND	0.39	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
2-Chlorophenol	ND	0.39	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
4-Chlorophenylphenylether	ND	0.39	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
Chrysene	ND	0.19	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
Dibenz(a,h)anthracene	ND	0.19	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
Dibenzofuran	ND	0.39	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
Di-n-butylphthalate	ND	0.39	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
1,2-Dichlorobenzene	ND	0.39	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
1,3-Dichlorobenzene	ND	0.39	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
1,4-Dichlorobenzene	ND	0.39	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
3,3-Dichlorobenzidine	ND	0.19	0.15	mg/Kg dry	1	V-34	SW-846 8270D	6/13/19	6/19/19 11:05	IMR
2,4-Dichlorophenol	ND	0.39	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
Diethylphthalate	ND	0.39	0.16	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
2,4-Dimethylphenol	ND	0.39	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
Dimethylphthalate	ND	0.39	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
4,6-Dinitro-2-methylphenol	ND	0.39	0.34	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
2,4-Dinitrophenol	ND	0.75	0.53	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
2,4-Dinitrotoluene	ND	0.39	0.18	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
2,6-Dinitrotoluene	ND	0.39	0.18	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
Di-n-octylphthalate	ND	0.39	0.17	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
1,2-Diphenylhydrazine/Azobenzene	ND	0.39	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
Fluoranthene	ND	0.19	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
Fluorene	ND	0.19	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-8 (18-20) | Sampled: 6/12/2019 09:05

Sample ID: 19F0630-16

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.39	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
Hexachlorobutadiene	ND	0.39	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
Hexachlorocyclopentadiene	ND	0.39	0.32	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
Hexachloroethane	ND	0.39	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
Indeno(1,2,3-cd)pyrene	ND	0.19	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
Isophorone	ND	0.39	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
1-Methylnaphthalene	ND	0.19	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
2-Methylnaphthalene	ND	0.19	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
2-Methylphenol	ND	0.39	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
3/4-Methylphenol	ND	0.39	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
Naphthalene	ND	0.19	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
2-Nitroaniline	ND	0.39	0.23	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
3-Nitroaniline	ND	0.39	0.16	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
4-Nitroaniline	ND	0.39	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
Nitrobenzene	ND	0.39	0.16	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
2-Nitrophenol	ND	0.39	0.16	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
4-Nitrophenol	ND	0.75	0.27	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
N-Nitrosodimethylamine	ND	0.39	0.21	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
N-Nitrosodiphenylamine/Diphenylamine	ND	0.39	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
N-Nitrosodi-n-propylamine	ND	0.39	0.17	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
Pentachloronitrobenzene	ND	0.39	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
Pentachlorophenol	ND	0.39	0.26	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
Phenanthrene	ND	0.19	0.10	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
Phenol	ND	0.39	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
Pyrene	ND	0.19	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
Pyridine	ND	0.39	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
1,2,4,5-Tetrachlorobenzene	ND	0.39	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
1,2,4-Trichlorobenzene	ND	0.39	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
2,4,5-Trichlorophenol	ND	0.39	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR
2,4,6-Trichlorophenol	ND	0.39	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:05	IMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	63.5	30-130		6/19/19 11:05
Phenol-d6	68.4	30-130		6/19/19 11:05
Nitrobenzene-d5	62.5	30-130		6/19/19 11:05
2-Fluorobiphenyl	82.0	30-130		6/19/19 11:05
2,4,6-Tribromophenol	75.1	30-130		6/19/19 11:05
p-Terphenyl-d14	97.7	30-130		6/19/19 11:05

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY
Sample Description:
Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-8 (18-20)
Sampled: 6/12/2019 09:05

Sample ID: 19F0630-16

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	3.1	1.9	0.96	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:35	EJB
Barium	25	1.9	0.94	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:35	EJB
Cadmium	0.26	0.19	0.11	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:35	EJB
Chromium	7.2	0.38	0.23	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:35	EJB
Lead	7.4	0.57	0.34	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:35	EJB
Mercury	0.016	0.029	0.0086	mg/Kg dry	1	J	SW-846 7471B	6/17/19	6/18/19 11:06	AJL
Selenium	ND	3.8	3.1	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:35	EJB
Silver	ND	0.38	0.22	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:35	EJB

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY
Sample Description:
Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-8 (18-20)
Sampled: 6/12/2019 09:05

Sample ID: 19F0630-16

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.9		% Wt	1		SM 2540G	6/13/19	6/14/19 7:45	JDN

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-Dup Sampled: 6/11/2019 00:00

Sample ID: 19F0630-17

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.10	0.0086	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
Acrylonitrile	ND	0.0061	0.0010	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0010	0.00031	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
Benzene	ND	0.0020	0.00061	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
Bromobenzene	ND	0.0020	0.00041	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
Bromochloromethane	ND	0.0041	0.00082	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
Bromodichloromethane	ND	0.0020	0.00051	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
Bromoform	ND	0.0041	0.00072	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
Bromomethane	ND	0.010	0.0011	mg/Kg dry	1	V-34	SW-846 8260C	6/13/19	6/14/19 0:29	MFF
2-Butanone (MEK)	ND	0.041	0.0056	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
tert-Butyl Alcohol (TBA)	ND	0.041	0.0046	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
n-Butylbenzene	ND	0.0020	0.00051	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
sec-Butylbenzene	ND	0.0020	0.00082	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
tert-Butylbenzene	ND	0.0020	0.00061	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0010	0.00020	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
Carbon Disulfide	ND	0.0061	0.0055	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
Carbon Tetrachloride	ND	0.0020	0.00072	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
Chlorobenzene	ND	0.0020	0.00051	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
Chlorodibromomethane	ND	0.0020	0.00041	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
Chloroethane	ND	0.020	0.00082	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
Chloroform	ND	0.0041	0.00051	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
Chloromethane	ND	0.010	0.00072	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
2-Chlorotoluene	ND	0.0020	0.00031	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
4-Chlorotoluene	ND	0.0020	0.00041	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	0.0010	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
1,2-Dibromoethane (EDB)	ND	0.0010	0.00072	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
Dibromomethane	ND	0.0020	0.00082	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
1,2-Dichlorobenzene	ND	0.0020	0.00041	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
1,3-Dichlorobenzene	ND	0.0020	0.00041	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
1,4-Dichlorobenzene	ND	0.0020	0.00082	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
trans-1,4-Dichloro-2-butene	ND	0.0041	0.00061	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.020	0.0011	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
1,1-Dichloroethane	ND	0.0020	0.00041	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
1,2-Dichloroethane	ND	0.0020	0.00051	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
1,1-Dichloroethylene	ND	0.0041	0.00072	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
cis-1,2-Dichloroethylene	ND	0.0020	0.00072	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
trans-1,2-Dichloroethylene	ND	0.0020	0.00061	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
1,2-Dichloropropane	ND	0.0020	0.00082	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
1,3-Dichloropropane	ND	0.0010	0.00051	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
2,2-Dichloropropane	ND	0.0020	0.00082	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
1,1-Dichloropropene	ND	0.0041	0.00082	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
cis-1,3-Dichloropropene	ND	0.0010	0.00041	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
trans-1,3-Dichloropropene	ND	0.0010	0.00041	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
Diethyl Ether	0.0015	0.020	0.00072	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/14/19 0:29	MFF

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY | Sample Description: | Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-Dup | Sampled: 6/11/2019 00:00

Sample ID: 19F0630-17

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0010	0.00020	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
1,4-Dioxane	ND	0.10	0.0054	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
Ethylbenzene	ND	0.0020	0.00061	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
Hexachlorobutadiene	ND	0.0020	0.00072	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
2-Hexanone (MBK)	ND	0.020	0.0020	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
Isopropylbenzene (Cumene)	ND	0.0020	0.00061	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0020	0.00051	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
Methyl Acetate	ND	0.0020	0.00072	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0041	0.00031	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
Methyl Cyclohexane	ND	0.0020	0.00072	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
Methylene Chloride	0.0023	0.020	0.0010	mg/Kg dry	1	J	SW-846 8260C	6/13/19	6/14/19 0:29	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.020	0.0026	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
Naphthalene	ND	0.0041	0.00041	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
n-Propylbenzene	ND	0.0020	0.00061	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
Styrene	ND	0.0020	0.00041	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
1,1,1,2-Tetrachloroethane	ND	0.0020	0.0010	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
1,1,2,2-Tetrachloroethane	ND	0.0010	0.00041	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
Tetrachloroethylene	ND	0.0020	0.0012	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
Tetrahydrofuran	ND	0.010	0.0011	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
Toluene	ND	0.0020	0.00061	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
1,2,3-Trichlorobenzene	ND	0.0020	0.0010	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
1,2,4-Trichlorobenzene	ND	0.0020	0.00041	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
1,3,5-Trichlorobenzene	ND	0.0020	0.00031	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
1,1,1-Trichloroethane	ND	0.0020	0.00051	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
1,1,2-Trichloroethane	ND	0.0020	0.00041	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
Trichloroethylene	ND	0.0020	0.00082	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
Trichlorofluoromethane (Freon 11)	ND	0.010	0.00072	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
1,2,3-Trichloropropane	ND	0.0041	0.00082	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	0.00082	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
1,2,4-Trimethylbenzene	ND	0.0020	0.00031	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
1,3,5-Trimethylbenzene	ND	0.0020	0.00051	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
Vinyl Chloride	ND	0.010	0.00092	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
m+p Xylene	ND	0.0041	0.0010	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF
o-Xylene	ND	0.0020	0.00061	mg/Kg dry	1		SW-846 8260C	6/13/19	6/14/19 0:29	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	102	70-130		6/14/19 0:29
Toluene-d8	98.7	70-130		6/14/19 0:29
4-Bromofluorobenzene	99.6	70-130		6/14/19 0:29

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY
Sample Description:
Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-Dup
Sampled: 6/11/2019 00:00

Sample ID: 19F0630-17

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.18	0.097	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
Acenaphthylene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
Acetophenone	ND	0.36	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
Aniline	ND	0.36	0.086	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
Anthracene	ND	0.18	0.097	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
Benzidine	ND	0.71	0.19	mg/Kg dry	1	V-04, V-35	SW-846 8270D	6/13/19	6/19/19 11:33	IMR
Benzo(a)anthracene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
Benzo(a)pyrene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
Benzo(b)fluoranthene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
Benzo(g,h,i)perylene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
Benzo(k)fluoranthene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
Benzoic Acid	ND	1.1	0.63	mg/Kg dry	1	UJ L-04	SW-846 8270D	6/13/19	6/19/19 11:33	IMR
Bis(2-chloroethoxy)methane	ND	0.36	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
Bis(2-chloroethyl)ether	ND	0.36	0.18	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
Bis(2-chloroisopropyl)ether	ND	0.36	0.25	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
Bis(2-Ethylhexyl)phthalate	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
4-Bromophenylphenylether	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
Butylbenzylphthalate	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
Carbazole	ND	0.18	0.097	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
4-Chloroaniline	ND	0.71	0.15	mg/Kg dry	1	V-34	SW-846 8270D	6/13/19	6/19/19 11:33	IMR
4-Chloro-3-methylphenol	ND	0.71	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
2-Chloronaphthalene	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
2-Chlorophenol	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
4-Chlorophenylphenylether	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
Chrysene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
Dibenz(a,h)anthracene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
Dibenzofuran	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
Di-n-butylphthalate	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
1,2-Dichlorobenzene	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
1,3-Dichlorobenzene	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
1,4-Dichlorobenzene	ND	0.36	0.097	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
3,3-Dichlorobenzidine	ND	0.18	0.14	mg/Kg dry	1	V-34	SW-846 8270D	6/13/19	6/19/19 11:33	IMR
2,4-Dichlorophenol	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
Diethylphthalate	ND	0.36	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
2,4-Dimethylphenol	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
Dimethylphthalate	ND	0.36	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
4,6-Dinitro-2-methylphenol	ND	0.36	0.32	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
2,4-Dinitrophenol	ND	0.71	0.49	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
2,4-Dinitrotoluene	ND	0.36	0.17	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
2,6-Dinitrotoluene	ND	0.36	0.17	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
Di-n-octylphthalate	ND	0.36	0.16	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
1,2-Diphenylhydrazine/Azobenzene	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
Fluoranthene	ND	0.18	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
Fluorene	ND	0.18	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY
Sample Description:
Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-Dup
Sampled: 6/11/2019 00:00

Sample ID: 19F0630-17

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.36	0.097	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
Hexachlorobutadiene	ND	0.36	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
Hexachlorocyclopentadiene	ND	0.36	0.30	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
Hexachloroethane	ND	0.36	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
Indeno(1,2,3-cd)pyrene	ND	0.18	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
Isophorone	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
1-Methylnaphthalene	ND	0.18	0.097	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
2-Methylnaphthalene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
2-Methylphenol	ND	0.36	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
3/4-Methylphenol	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
Naphthalene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
2-Nitroaniline	ND	0.36	0.21	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
3-Nitroaniline	ND	0.36	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
4-Nitroaniline	ND	0.36	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
Nitrobenzene	ND	0.36	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
2-Nitrophenol	ND	0.36	0.15	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
4-Nitrophenol	ND	0.71	0.26	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
N-Nitrosodimethylamine	ND	0.36	0.19	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
N-Nitrosodiphenylamine/Diphenylamine	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
N-Nitrosodi-n-propylamine	ND	0.36	0.16	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
Pentachloronitrobenzene	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
Pentachlorophenol	ND	0.36	0.25	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
Phenanthrene	ND	0.18	0.097	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
Phenol	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
Pyrene	ND	0.18	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
Pyridine	ND	0.36	0.11	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
1,2,4,5-Tetrachlorobenzene	ND	0.36	0.14	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
1,2,4-Trichlorobenzene	ND	0.36	0.12	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
2,4,5-Trichlorophenol	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR
2,4,6-Trichlorophenol	ND	0.36	0.13	mg/Kg dry	1		SW-846 8270D	6/13/19	6/19/19 11:33	IMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	63.4	30-130		6/19/19 11:33
Phenol-d6	66.2	30-130		6/19/19 11:33
Nitrobenzene-d5	59.7	30-130		6/19/19 11:33
2-Fluorobiphenyl	76.9	30-130		6/19/19 11:33
2,4,6-Tribromophenol	76.7	30-130		6/19/19 11:33
p-Terphenyl-d14	90.2	30-130		6/19/19 11:33

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY
Sample Description:
Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-Dup
Sampled: 6/11/2019 00:00

Sample ID: 19F0630-17

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.086	0.039	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 22:56	AYH
Aroclor-1221 [1]	ND	0.086	0.065	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 22:56	AYH
Aroclor-1232 [1]	ND	0.086	0.078	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 22:56	AYH
Aroclor-1242 [1]	ND	0.086	0.065	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 22:56	AYH
Aroclor-1248 [1]	ND	0.086	0.030	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 22:56	AYH
Aroclor-1254 [1]	ND	0.086	0.035	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 22:56	AYH
Aroclor-1260 [1]	ND	0.086	0.048	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 22:56	AYH
Aroclor-1262 [1]	ND	0.086	0.043	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 22:56	AYH
Aroclor-1268 [1]	ND	0.086	0.069	mg/Kg dry	4		SW-846 8082A	6/16/19	6/18/19 22:56	AYH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	100	30-150		6/18/19 22:56
Decachlorobiphenyl [2]	102	30-150		6/18/19 22:56
Tetrachloro-m-xylene [1]	93.7	30-150		6/18/19 22:56
Tetrachloro-m-xylene [2]	90.9	30-150		6/18/19 22:56

con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY
Sample Description:
Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-Dup
Sampled: 6/11/2019 00:00

Sample ID: 19F0630-17

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	2.8	1.8	0.92	mg/Kg dry	1	J	SW-846 6010D	6/17/19	6/18/19 17:40	EJB
Barium	23	1.8	0.90	mg/Kg dry	1	J	SW-846 6010D	6/17/19	6/18/19 17:40	EJB
Cadmium	0.20	0.18	0.11	mg/Kg dry	1	J	SW-846 6010D	6/17/19	6/18/19 17:40	EJB
Chromium	7.2	0.36	0.22	mg/Kg dry	1	J	SW-846 6010D	6/17/19	6/18/19 17:40	EJB
Lead	6.2	0.55	0.32	mg/Kg dry	1	J	SW-846 6010D	6/17/19	6/18/19 17:40	EJB
Mercury	0.013	0.027	0.0080	mg/Kg dry	1	J	SW-846 7471B	6/17/19	6/18/19 11:07	AJL
Selenium	ND	3.6	3.0	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:40	EJB
Silver	ND	0.36	0.21	mg/Kg dry	1		SW-846 6010D	6/17/19	6/18/19 17:40	EJB

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway, Kingston, NY Sample Description: Work Order: 19F0630

Date Received: 6/12/2019

Field Sample #: SB-Dup Sampled: 6/11/2019 00:00

Sample ID: 19F0630-17

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	91.1		% Wt	1		SM 2540G	6/13/19	6/14/19 7:45	JDN

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Data Usability Summary Report
for Con-Test Analytical Laboratory
Work Order No: 19F1123

6 Ground Water Samples, 1 Field Duplicate,
and 1 Trip Blank
Collected June 18-20, 2019

Prepared by: Donald Anné
October 9, 2019

The data package contained the documentation as required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contained the results of volatile analyses for 6 ground water samples, 1 field duplicate, and 1 trip blank; semi-volatile and metal analyses for 6 ground water samples and 1 field duplicate; and PCB analyses for 2 ground water samples and 1 field duplicate.

The overall performances of the analyses are acceptable. Con-Test Analytical Laboratory did fulfill the requirements of the analytical methods.

The data are mostly acceptable with some issues that are identified in the accompanying data validation reviews. The following data were qualified:

- The "not detected" semi-volatile result for hexachlorocyclopentadiene were qualified as "estimated" (UJ) in all 6 ground water samples and field duplicate because 2 of 2 percent recoveries for hexachlorocyclopentadiene were below control limits, but not below 10% in the associated aqueous LCS/LCSD.

- The positive metal results for chromium were qualified as "estimated" (J) in samples MW-4 and DUP because the relative percent difference for chromium was above the allowable maximum in aqueous field duplicate pair MW-4/DUP.

All data are considered usable with estimated (J or UJ) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation reviews.

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ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8260C Volatiles Data for Con-Test Analytical Laboratory, Work Order No: 19F1123

6 Ground Water Samples, 1 Field Duplicate, and 1 Trip Blank Collected June 18-20, 2019

Prepared by: Donald Anné
October 9, 2019

Holding Times: Samples were analyzed within USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The BFB tuning criteria were within control limits.

Initial Calibration: The average RRFs for applicable compounds were above the method minimums, as required.

The average RRFs for target compounds were below the allowable minimum (0.001 for 1,4-dioxane, 0.010 for all other compounds) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The RRFs for applicable compounds were above the method minimums, as required. The %Ds for bromomethane and chloromethane were above the method maximum on 06-21-19 (S037370-CCV1). No action is taken on fewer than 20% of the compounds with method criteria outside control limits per calibration, provided no RRF is less than 0.010.

The RRFs for target compounds were above the allowable minimum (0.0005 for 1,4-dioxane, 0.010 for all other compounds), as required.

The %Ds for bromomethane and chloromethane were above the allowable maximum (25%) on 06-21-19 (S037370-CCV1). Positive results for these compounds should be considered estimated (J) in associated samples.

Blanks: The analyses of the method and trip blanks reported target compounds as not detected.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

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Surrogate Recovery: The surrogate recoveries were within control limits for the ground water samples and trip blank.

Laboratory Control Sample: The relative percent differences for target compounds were below the allowable maximum and the percent recoveries were within QC limits for aqueous samples B233900-BS1 and B233900-BSD1.

Field Duplicate: The relative percent difference for trichloroethylene was below the allowable maximum (20%) for aqueous field duplicate pair MW-4/DUP (attached table), as required.

Compound ID: Checked compounds were within GC/MS quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

Volatiles

Calculations for Field Duplicate Relative Percent Difference (RPD)

SDG No. 19F1123

S1= MW-4 **S2=** DUP

Analyte	S1	S2	RPD (%)
tetrachloroethylene	**0.80**	**0.69**	NC
trichloroethylene	1.7	1.5	13%

* RPD is above the allowable maximum (20%)

All results are in ug/L.

Bold numbers were values that below the CRQL or above the high standard.
ND - Not detected.
NC - Not calculated, both results must be within the linear range for valid RPDs to be calculated.

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	19F1123
Client:	Weston & Sampson - Waterbury, VT	Project:	Kingston Brownfields
Instrument ID:	GCMSVOA3	Calibration:	1900192
Lab File ID:	C1917203.D	Calibration Date:	05/16/19 09:46
Sequence:	S037370	Injection Date:	06/21/19
Lab Sample ID:	S037370-CCV1	Injection Time:	10:01

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Acetone	A	100	98.4	0.1881665	0.1850612		-1.7	20	
Acrylonitrile	A	10.0	9.02	0.2484221	0.2240686		-9.8	20	
tert-Amyl Methyl Ether (TAME)	A	10.0	9.76	1.289385	1.257831		-2.4	20	
Benzene	A	10.0	9.91	1.72594	1.7108		-0.9	20	
Bromobenzene	A	10.0	9.94	1.057032	1.050194		-0.6	20	
Bromochloromethane	A	10.0	10.6	0.4131035	0.4362023		5.6	20	
Bromodichloromethane	A	10.0	10.2	0.3780762	0.3860302		2.1	20	
Bromoform	A	10.0	10.8	0.4654726	0.501573		7.8	20	
Bromomethane	A	10.0	13.2	0.2847145	0.3749439		31.7	20	*
2-Butanone (MEK)	A	100	94.8	0.3378563	0.3204186		-5.2	20	
tert-Butyl Alcohol (TBA)	A	100	112	7.238849E-02	8.106445E-02		12.0	20	
n-Butylbenzene	A	10.0	10.0	1.769604	1.775551		0.3	20	
sec-Butylbenzene	A	10.0	9.81	2.284017	2.240211		-1.9	20	
tert-Butylbenzene	A	10.0	9.77	1.618806	1.581425		-2.3	20	
tert-Butyl Ethyl Ether (TBEE)	A	10.0	9.65	1.451316	1.400732		-3.5	20	
Carbon Disulfide	A	100	102	1.119853	1.140268		1.8	20	
Carbon Tetrachloride	A	10.0	9.63	0.4997097	0.4810372		-3.7	20	
Chlorobenzene	A	10.0	10.4	1.478802	1.533279		3.7	20	
Chlorodibromomethane	A	10.0	10.3	0.3139765	0.3240255		3.2	20	
Chloroethane	A	10.0	10.5	0.2881543	0.3013281		4.6	20	
Chloroform	A	10.0	10.3	0.7462329	0.7668131		2.8	20	
Chloromethane	A	10.0	13.5	0.6525361	0.8838114		35.4	20	*
2-Chlorotoluene	A	10.0	10.0	1.720424	1.726858		0.4	20	
4-Chlorotoluene	A	10.0	10.3	1.958256	2.024815		3.4	20	
1,2-Dibromo-3-chloropropane (DBCP)	A	10.0	10.1	0.1644986	0.1667727		1.4	20	
1,2-Dibromoethane (EDB)	A	10.0	10.2	0.3046615	0.3112537		2.2	20	
Dibromomethane	A	10.0	10.4	0.1962563	0.2031528		3.5	20	
1,2-Dichlorobenzene	A	10.0	10.4	1.195438	1.245476		4.2	20	
1,3-Dichlorobenzene	A	10.0	10.3	1.185068	1.219077		2.9	20	

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	19F1123
Client:	Weston & Sampson - Waterbury, VT	Project:	Kingston Brownfields
Instrument ID:	GCMSVOA3	Calibration:	1900192
Lab File ID:	C1917203.D	Calibration Date:	05/16/19 09:46
Sequence:	S037370	Injection Date:	06/21/19
Lab Sample ID:	S037370-CCV1	Injection Time:	10:01

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,4-Dichlorobenzene	A	10.0	10.3	1.256354	1.291243		2.8	20
trans-1,4-Dichloro-2-butene	A	10.0	10.8	0.2217889	0.240169		8.3	20
Dichlorodifluoromethane (Freon 12)	A	10.0	9.56	0.489052	0.4675445		-4.4	20
1,1-Dichloroethane	A	10.0	9.77	0.8050564	0.7866957		-2.3	20
1,2-Dichloroethane	A	10.0	9.93	0.4085792	0.4058204		-0.7	20
1,1-Dichloroethylene	A	10.0	10.4	0.580623	0.604267		4.1	20
cis-1,2-Dichloroethylene	A	10.0	9.97	0.7003627	0.698135		-0.3	20
trans-1,2-Dichloroethylene	A	10.0	9.68	0.6012956	0.5822192		-3.2	20
1,2-Dichloropropane	A	10.0	9.90	0.3162404	0.3131253		-1.0	20
1,3-Dichloropropane	A	10.0	9.81	0.5087606	0.4988967		-1.9	20
2,2-Dichloropropane	A	10.0	9.94	0.6030733	0.5996462		-0.6	20
1,1-Dichloropropene	A	10.0	9.97	0.5527761	0.5509299		-0.3	20
cis-1,3-Dichloropropene	A	10.0	10.2	0.4823059	0.4944777		2.5	20
trans-1,3-Dichloropropene	A	10.0	10.2	0.4359988	0.4450022		2.1	20
Diethyl Ether	A	10.0	10.1	0.3702305	0.3752079		1.3	20
Diisopropyl Ether (DIPE)	A	10.0	9.61	1.74122	1.673544		-3.9	20
1,4-Dioxane	A	100	96.1	4.635165E-03	4.453661E-03		-3.9	20
Ethylbenzene	A	10.0	10.2	2.545889	2.598298		2.1	20
Hexachlorobutadiene	A	10.0	11.1	0.2928132	0.3244275		10.8	20
2-Hexanone (MBK)	A	100	95.2	0.3344099	0.3185338		-4.7	20
Isopropylbenzene (Cumene)	A	10.0	10.2	2.305934	2.341965		1.6	20
p-Isopropyltoluene (p-Cymene)	A	10.0	9.99	1.967049	1.965507		-0.08	20
Methyl Acetate	A	10.0	9.56	0.5828072	0.5571613		-4.4	20
Methyl tert-Butyl Ether (MTBE)	A	10.0	9.63	1.31052	1.261739		-3.7	20
Methyl Cyclohexane	A	10.0	9.77	0.3612119	0.3528097		-2.3	20
Methylene Chloride	A	10.0	10.6	0.6164331	0.6507917		5.6	20
4-Methyl-2-pentanone (MIBK)	A	100	95.5	0.4656019	0.4445568		-4.5	20
Naphthalene	A	10.0	9.93	2.298426	2.281489		-0.7	20
n-Propylbenzene	A	10.0	10.3	2.710896	2.784728		2.7	20

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	19F1123
Client:	Weston & Sampson - Waterbury, VT	Project:	Kingston Brownfields
Instrument ID:	GCMSVOA3	Calibration:	1900192
Lab File ID:	C1917203.D	Calibration Date:	05/16/19 09:46
Sequence:	S037370	Injection Date:	06/21/19
Lab Sample ID:	S037370-CCV1	Injection Time:	10:01

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Styrene	A	10.0	10.4	1.60354	1.663153		3.7	20
1,1,1,2-Tetrachloroethane	A	10.0	10.6	0.5280217	0.5568963		5.5	20
1,1,2,2-Tetrachloroethane	A	10.0	10.5	0.8779885	0.9210588		4.9	20
Tetrachloroethylene	A	10.0	10.8	0.2684052	0.2906664		8.3	20
Tetrahydrofuran	A	10.0	10.0	0.2017468	0.2020736		0.2	20
Toluene	A	10.0	10.1	1.159427	1.169095		0.8	20
1,2,3-Trichlorobenzene	A	10.0	9.90	0.763704	0.756432		-1.0	20
1,2,4-Trichlorobenzene	A	10.0	9.92	0.768892	0.7624046		-0.8	20
1,3,5-Trichlorobenzene	A	10.0	10.3	0.816296	0.8423099		3.2	20
1,1,1-Trichloroethane	A	10.0	10.3	0.5962929	0.6133501		2.9	20
1,1,2-Trichloroethane	A	10.0	10.6	0.2729421	0.2888814		5.8	20
Trichloroethylene	A	10.0	10.2	0.264012	0.2688833		1.8	20
Trichlorofluoromethane (Freon 11)	A	10.0	10.5	0.5804948	0.6108153		5.2	20
1,2,3-Trichloropropane	A	10.0	10.4	0.7335319	0.7601244		3.6	20
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	10.3	0.3179614	0.3275214		3.0	20
1,2,4-Trimethylbenzene	A	10.0	9.77	2.04495	1.997208		-2.3	20
1,3,5-Trimethylbenzene	A	10.0	9.90	1.923032	1.90385		-1.0	20
Vinyl Chloride	A	10.0	9.93	0.5215649	0.5178714		-0.7	20
m+p Xylene	A	20.0	20.4	1.929171	1.972978		2.3	20
o-Xylene	A	10.0	10.2	1.987587	2.036542		2.5	20
1,2-Dichloroethane-d4	A	25.0	24.6	0.5643226	0.5542832		-1.8	
Toluene-d8	A	25.0	24.7	1.196284	1.18387		-1.0	
4-Bromofluorobenzene	A	25.0	24.2	0.8899582	0.86158		-3.2	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

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QA/QC Review of Method 8270D Semi-Volatiles Data for Con-Test Analytical Laboratory, Work Order No: 19F1123

6 Ground Water Samples and 1 Field Duplicate Collected June 18-20, 2019

Prepared by: Donald Anné
October 9, 2019

Holding Times: Samples were extracted and analyzed within USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The DFTPP tuning criteria were within control limits.

Initial Calibration: The average RRF for applicable compounds were above the method minimums, as required.

The average RRFs for target compounds were above the allowable minimum (0.010) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The RRFs for applicable compounds were above the method minimums, as required. The %Ds for hexachlorocyclopentadiene, 4-nitrophenol, and n-nitrosodimethylamine were above the method maximum on 06-25-19 (S037429-CCV1). No action is taken on fewer than 20% of the compounds with method criteria outside control limits per calibration, provided no RRF is less than 0.010.

The RRFs for target compounds were above the allowable minimum (0.010), as required.

The %Ds for hexachlorocyclopentadiene and 4-nitrophenol were above the allowable maximum (25%) on 06-25-19 (S037429-CCV1). Positive results for these compounds should be considered estimated (J) in associated samples.

Blanks: The analyses of the method blanks reported target compounds as not detected.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Surrogate Recovery: The surrogate recoveries were within control limits for the ground water samples.

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Laboratory Control Sample: The relative percent difference for benzidine was above the allowable maximum and 2 of 2 percent recoveries for hexachlorocylopentadiene were below QC limits, but not below 10% for aqueous samples B233869-BS1 and B233869-BSD1. Positive results for benzidine should be considered estimated (J) and the positive results for hexachlorocyclopentadiene should be considered estimated, biased low (J-) and "not detected" results for hexachlorocyclopentadiene estimated (UJ) in associated aqueous samples.

Field Duplicate: The analyses of soil field duplicate pair MW-4/DUP reported target compounds as not detected; therefore, valid relative percent differences could not be calculated. The analyses for the field duplicate pair were acceptable.

Compound ID: Checked surrogates were within GC/MS quantitation limits. The analyses of the ground water samples reported target compounds as not detected.

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8270D

Laboratory:	Con-Test Analytical Laboratory	Work Order:	19F1123
Client:	Weston & Sampson - Waterbury, VT	Project:	Kingston Brownfields
Matrix:	Water	Preparation:	SW-846 3510C
Batch:	B233869	Laboratory ID:	B233869-BS1
Column:		Initial/Final:	1000 mL / 1 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.	QC LIMITS REC.
Acenaphthene	50.0	32.3	64.7	40 - 140
Acenaphthylene	50.0	35.6	71.2	40 - 140
Acetophenone	50.0	33.7	67.4	40 - 140
Aniline	50.0	37.5	74.9	40 - 140
Anthracene	50.0	35.9	71.7	40 - 140
Benzidine	50.0	41.9	83.8	40 - 140
Benzo(a)anthracene	50.0	38.1	76.2	40 - 140
Benzo(a)pyrene	50.0	38.1	76.2	40 - 140
Benzo(b)fluoranthene	50.0	36.3	72.6	40 - 140
Benzo(g,h,i)perylene	50.0	30.9	61.9	40 - 140
Benzo(k)fluoranthene	50.0	37.1	74.1	40 - 140
Benzoic Acid	50.0	14.7	29.4	10 - 130
Bis(2-chloroethoxy)methane	50.0	38.9	77.7	40 - 140
Bis(2-chloroethyl)ether	50.0	32.6	65.2	40 - 140
Bis(2-chloroisopropyl)ether	50.0	34.0	68.1	40 - 140
Bis(2-Ethylhexyl)phthalate	50.0	33.3	66.6	40 - 140
4-Bromophenylphenylether	50.0	33.3	66.6	40 - 140
Butylbenzylphthalate	50.0	35.2	70.4	40 - 140
Carbazole	50.0	36.7	73.3	40 - 140
4-Chloroaniline	50.0	36.0	72.0	40 - 140
4-Chloro-3-methylphenol	50.0	36.1	72.3	30 - 130
2-Chloronaphthalene	50.0	31.9	63.7	40 - 140
2-Chlorophenol	50.0	32.5	65.0	30 - 130
4-Chlorophenylphenylether	50.0	35.5	71.0	40 - 140
Chrysene	50.0	39.9	79.7	40 - 140
Dibenz(a,h)anthracene	50.0	33.5	67.0	40 - 140
Dibenzofuran	50.0	34.3	68.7	40 - 140
Di-n-butylphthalate	50.0	32.5	65.0	40 - 140
1,2-Dichlorobenzene	50.0	32.1	64.3	40 - 140
1,3-Dichlorobenzene	50.0	31.5	63.0	40 - 140
1,4-Dichlorobenzene	50.0	31.9	63.7	40 - 140
3,3-Dichlorobenzidine	50.0	41.4	82.7	40 - 140
2,4-Dichlorophenol	50.0	35.4	70.7	30 - 130
Diethylphthalate	50.0	35.4	70.9	40 - 140
2,4-Dimethylphenol	50.0	31.3	62.5	30 - 130
Dimethylphthalate	50.0	34.9	69.7	40 - 140
4,6-Dinitro-2-methylphenol	50.0	33.4	66.9	30 - 130

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8270D

Laboratory:	Con-Test Analytical Laboratory	Work Order:	19F1123
Client:	Weston & Sampson - Waterbury, VT	Project:	Kingston Brownfields
Matrix:	Water	Preparation:	SW-846 3510C
Batch:	B233869	Laboratory ID:	B233869-BS1
Column:		Initial/Final:	1000 mL / 1 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.	QC LIMITS REC.
2,4-Dinitrophenol	50.0	31.4	62.8	30 - 130
2,4-Dinitrotoluene	50.0	39.4	78.7	40 - 140
2,6-Dinitrotoluene	50.0	39.2	78.3	40 - 140
Di-n-octylphthalate	50.0	32.6	65.1	40 - 140
1,2-Diphenylhydrazine/Azobenzene	50.0	32.8	65.6	40 - 140
Fluoranthene	50.0	38.2	76.3	40 - 140
Fluorene	50.0	35.8	71.5	40 - 140
Hexachlorobenzene	50.0	35.0	70.1	40 - 140
Hexachlorobutadiene	50.0	35.1	70.2	40 - 140
Hexachlorocyclopentadiene	50.0	12.7	25.4 *	30 - 140
Hexachloroethane	50.0	31.4	62.9	40 - 140
Indeno(1,2,3-cd)pyrene	50.0	34.0	68.1	40 - 140
Isophorone	50.0	37.3	74.7	40 - 140
1-Methylnaphthalene	50.0	35.1	70.3	40 - 140
2-Methylnaphthalene	50.0	34.5	69.1	40 - 140
2-Methylphenol	50.0	29.7	59.5	30 - 130
3/4-Methylphenol	50.0	31.6	63.2	30 - 130
Naphthalene	50.0	34.1	68.3	40 - 140
2-Nitroaniline	50.0	36.8	73.6	40 - 140
3-Nitroaniline	50.0	37.0	74.0	40 - 140
4-Nitroaniline	50.0	39.5	79.1	40 - 140
Nitrobenzene	50.0	36.6	73.2	40 - 140
2-Nitrophenol	50.0	34.9	69.7	30 - 130
4-Nitrophenol	50.0	27.3	54.6	10 - 130
N-Nitrosodimethylamine	50.0	26.3	52.5	40 - 140
N-Nitrosodiphenylamine/Diphenylamine	50.0	33.3	66.7	40 - 140
N-Nitrosodi-n-propylamine	50.0	32.7	65.3	40 - 140
Pentachloronitrobenzene	50.0	32.6	65.1	40 - 140
Pentachlorophenol	50.0	28.6	57.1	30 - 130
Phenanthrene	50.0	36.2	72.4	40 - 140
Phenol	50.0	16.5	33.0	20 - 130
Pyrene	50.0	35.7	71.4	40 - 140
Pyridine	50.0	15.5	31.0	10 - 140
1,2,4,5-Tetrachlorobenzene	50.0	33.9	67.9	40 - 140
1,2,4-Trichlorobenzene	50.0	35.2	70.4	40 - 140
2,4,5-Trichlorophenol	50.0	37.1	74.2	30 - 130
2,4,6-Trichlorophenol	50.0	34.8	69.5	30 - 130

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8270D

Laboratory:	Con-Test Analytical Laboratory	Work Order:	19F1123
Client:	Weston & Sampson - Waterbury, VT	Project:	Kingston Brownfields
Matrix:	Water	Preparation:	SW-846 3510C
Batch:	B233869	Laboratory ID:	B233869-BS1
Column:		Initial/Final:	1000 mL / 1 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Acenaphthene	50.0	33.3	66.7	3.05	20	40 - 140
Acenaphthylene	50.0	36.0	72.1	1.23	20	40 - 140
Acetophenone	50.0	33.7	67.3	0.0891	20	40 - 140
Aniline	50.0	36.2	72.5	3.31	50	40 - 140
Anthracene	50.0	37.1	74.3	3.51	20	40 - 140
Benzidine	50.0	65.4	131	43.7 *	20	40 - 140
Benzo(a)anthracene	50.0	37.4	74.9	1.69	20	40 - 140
Benzo(a)pyrene	50.0	36.9	73.9	3.07	20	40 - 140
Benzo(b)fluoranthene	50.0	35.8	71.6	1.47	20	40 - 140
Benzo(g,h,i)perylene	50.0	30.8	61.6	0.486	20	40 - 140
Benzo(k)fluoranthene	50.0	36.9	73.8	0.378	20	40 - 140
Benzoic Acid	50.0	12.4	24.8	17.1	50	10 - 130
Bis(2-chloroethoxy)methane	50.0	38.6	77.2	0.697	20	40 - 140
Bis(2-chloroethyl)ether	50.0	33.5	67.0	2.78	20	40 - 140
Bis(2-chloroisopropyl)ether	50.0	33.9	67.9	0.294	20	40 - 140
Bis(2-Ethylhexyl)phthalate	50.0	32.8	65.5	1.67	20	40 - 140
4-Bromophenylphenylether	50.0	33.6	67.3	1.05	20	40 - 140
Butylbenzylphthalate	50.0	34.8	69.7	0.971	20	40 - 140
Carbazole	50.0	37.0	73.9	0.815	20	40 - 140
4-Chloroaniline	50.0	36.4	72.8	1.13	20	40 - 140
4-Chloro-3-methylphenol	50.0	38.4	76.9	6.17	20	30 - 130
2-Chloronaphthalene	50.0	31.5	63.0	1.10	20	40 - 140
2-Chlorophenol	50.0	33.2	66.4	2.25	20	30 - 130
4-Chlorophenylphenylether	50.0	36.0	72.0	1.40	20	40 - 140
Chrysene	50.0	39.8	79.7	0.0753	20	40 - 140
Dibenz(a,h)anthracene	50.0	33.7	67.4	0.476	20	40 - 140
Dibenzofuran	50.0	35.7	71.3	3.80	20	40 - 140
Di-n-butylphthalate	50.0	33.6	67.3	3.48	20	40 - 140
1,2-Dichlorobenzene	50.0	32.2	64.5	0.311	20	40 - 140
1,3-Dichlorobenzene	50.0	31.2	62.3	1.15	20	40 - 140
1,4-Dichlorobenzene	50.0	32.2	64.3	0.906	20	40 - 140
3,3-Dichlorobenzidine	50.0	40.5	81.0	2.10	20	40 - 140
2,4-Dichlorophenol	50.0	35.2	70.4	0.482	20	30 - 130
Diethylphthalate	50.0	35.7	71.4	0.703	20	40 - 140
2,4-Dimethylphenol	50.0	33.1	66.1	5.63	20	30 - 130
Dimethylphthalate	50.0	36.2	72.3	3.63	50	40 - 140

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8270D

Laboratory:	Con-Test Analytical Laboratory	Work Order:	19F1123
Client:	Weston & Sampson - Waterbury, VT	Project:	Kingston Brownfields
Matrix:	Water	Preparation:	SW-846 3510C
Batch:	B233869	Laboratory ID:	B233869-BSD1
Column:		Initial/Final:	1000 mL / 1 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
4,6-Dinitro-2-methylphenol	50.0	34.6	69.2	3.44	50	30 - 130
2,4-Dinitrophenol	50.0	32.3	64.5	2.70	50	30 - 130
2,4-Dinitrotoluene	50.0	40.8	81.7	3.74	20	40 - 140
2,6-Dinitrotoluene	50.0	40.2	80.4	2.65	20	40 - 140
Di-n-octylphthalate	50.0	31.2	62.4	4.36	20	40 - 140
1,2-Diphenylhydrazine/Azobenzene	50.0	33.9	67.8	3.36	20	40 - 140
Fluoranthene	50.0	38.2	76.4	0.105	20	40 - 140
Fluorene	50.0	36.6	73.1	2.24	20	40 - 140
Hexachlorobenzene	50.0	35.5	71.0	1.25	20	40 - 140
Hexachlorobutadiene	50.0	34.6	69.1	1.49	20	40 - 140
Hexachlorocyclopentadiene	50.0	13.6	27.1 *	6.40	50	30 - 140
Hexachloroethane	50.0	30.0	60.0	4.65	50	40 - 140
Indeno(1,2,3-cd)pyrene	50.0	33.1	66.2	2.86	50	40 - 140
Isophorone	50.0	37.8	75.5	1.12	20	40 - 140
1-Methylnaphthalene	50.0	34.9	69.8	0.628	20	40 - 140
2-Methylnaphthalene	50.0	35.7	71.4	3.25	20	40 - 140
2-Methylphenol	50.0	29.9	59.8	0.570	20	30 - 130
3/4-Methylphenol	50.0	30.9	61.8	2.30	20	30 - 130
Naphthalene	50.0	34.4	68.7	0.701	20	40 - 140
2-Nitroaniline	50.0	37.5	74.9	1.80	20	40 - 140
3-Nitroaniline	50.0	37.5	75.1	1.42	20	40 - 140
4-Nitroaniline	50.0	43.4	86.9	9.42	20	40 - 140
Nitrobenzene	50.0	36.1	72.3	1.29	20	40 - 140
2-Nitrophenol	50.0	35.2	70.5	1.11	20	30 - 130
4-Nitrophenol	50.0	25.7	51.4	6.04	50	10 - 130
N-Nitrosodimethylamine	50.0	28.2	56.5	7.19	20	40 - 140
N-Nitrosodiphenylamine/Diphenylamine	50.0	34.3	68.6	2.78	20	40 - 140
N-Nitrosodi-n-propylamine	50.0	32.9	65.8	0.762	20	40 - 140
Pentachloronitrobenzene	50.0	33.6	67.1	2.99	20	40 - 140
Pentachlorophenol	50.0	28.2	56.4	1.16	50	30 - 130
Phenanthrene	50.0	36.6	73.2	1.15	20	40 - 140
Phenol	50.0	16.9	33.8	2.33	20	20 - 130
Pyrene	50.0	35.8	71.6	0.308	20	40 - 140
Pyridine	50.0	18.2	36.4	16.2	50	10 - 140
1,2,4,5-Tetrachlorobenzene	50.0	33.8	67.6	0.413	20	40 - 140

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8270D

Laboratory:	Con-Test Analytical Laboratory	Work Order:	19F1123
Client:	Weston & Sampson - Waterbury, VT	Project:	Kingston Brownfields
Matrix:	Water	Preparation:	SW-846 3510C
Batch:	B233869	Laboratory ID:	B233869-BSD1
Column:		Initial/Final:	1000 mL / 1 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,2,4-Trichlorobenzene	50.0	34.6	69.2	1.83	20	40 - 140
2,4,5-Trichlorophenol	50.0	36.0	71.9	3.12	20	30 - 130
2,4,6-Trichlorophenol	50.0	35.4	70.9	1.99	50	30 - 130

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8270D

Laboratory:	Con-Test Analytical Laboratory	Work Order:	19F1123
Client:	Weston & Sampson - Waterbury, VT	Project:	Kingston Brownfields
Instrument ID:	GCMSSV2	Calibration:	1900123
Lab File ID:	B1917602.D	Calibration Date:	04/16/19 11:28
Sequence:	S037429	Injection Date:	06/25/19
Lab Sample ID:	S037429-CCV1	Injection Time:	09:07

		CONC. (µg/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Acenaphthene	A	50.0	46.3	1.385131	1.281489		-7.5	20
Acenaphthylene	A	50.0	49.3	2.076328	2.046073		-1.5	20
Acetophenone	A	50.0	49.3	2.02028	1.993481		-1.3	20
Aniline	A	50.0	49.6	0.6919596	0.6862803		-0.8	20
Anthracene	A	50.0	49.1	1.285873	1.261717		-1.9	20
Benzidine	A	50.0	39.2	0.352346	0.2760606		-21.7	20
Benzo(a)anthracene	A	50.0	51.3	1.378729	1.413364		2.5	20
Benzo(a)pyrene	A	50.0	47.6	1.296159	1.23492		-4.7	20
Benzo(b)fluoranthene	A	50.0	49.5	1.417292	1.403431		-1.0	20
Benzo(g,h,i)perylene	A	50.0	49.2	1.265354	1.244901		-1.6	20
Benzo(k)fluoranthene	A	50.0	48.5	1.359019	1.317441		-3.1	20
Benzoic Acid	L	50.0	46.4	0.2737345	0.2539344		-7.2	20
Bis(2-chloroethoxy)methane	A	50.0	48.7	0.3829404	0.3728374		-2.6	20
Bis(2-chloroethyl)ether	A	50.0	48.1	0.920287	0.8855778		-3.8	20
Bis(2-chloroisopropyl)ether	A	50.0	43.9	1.717996	1.507538		-12.3	20
Bis(2-Ethylhexyl)phthalate	A	50.0	45.8	1.048522	0.959356		-8.5	20
4-Bromophenylphenylether	A	50.0	48.6	0.2304928	0.2242849		-2.7	20
Butylbenzylphthalate	A	50.0	47.3	0.7261379	0.6866739		-5.4	20
Carbazole	A	50.0	49.7	1.244071	1.237516		-0.5	20
4-Chloroaniline	A	50.0	50.0	0.4692082	0.468804		-0.09	20
4-Chloro-3-methylphenol	A	50.0	51.3	0.320888	0.3289952		2.5	20
2-Chloronaphthalene	A	50.0	50.9	1.50474	1.531221		1.8	20
2-Chlorophenol	A	50.0	48.1	1.627012	1.566084		-3.7	20
4-Chlorophenylphenylether	A	50.0	48.8	0.6701513	0.6544988		-2.3	20
Chrysene	A	50.0	54.4	1.336921	1.454641		8.8	20
Dibenz(a,h)anthracene	A	50.0	53.0	1.171858	1.241652		6.0	20
Dibenzofuran	A	50.0	47.8	1.919157	1.836622		-4.3	20
Di-n-butylphthalate	A	50.0	46.7	1.480857	1.384447		-6.5	20
1,2-Dichlorobenzene	A	50.0	49.1	1.63882	1.610355		-1.7	20
1,3-Dichlorobenzene	A	50.0	49.1	1.700465	1.669238		-1.8	20

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8270D

Laboratory:	Con-Test Analytical Laboratory	Work Order:	19F1123
Client:	Weston & Sampson - Waterbury, VT	Project:	Kingston Brownfields
Instrument ID:	GCMSSV2	Calibration:	1900123
Lab File ID:	B1917602.D	Calibration Date:	04/16/19 11:28
Sequence:	S037429	Injection Date:	06/25/19
Lab Sample ID:	S037429-CCV1	Injection Time:	09:07

		CONC. (µg/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,4-Dichlorobenzene	A	50.0	49.6	1.753896	1.740836		-0.7	20
3,3-Dichlorobenzidine	A	50.0	54.0	0.4621159	0.4989521		8.0	20
2,4-Dichlorophenol	A	50.0	48.3	0.3359306	0.3242995		-3.5	20
Diethylphthalate	A	50.0	49.3	1.372657	1.353082		-1.4	20
2,4-Dimethylphenol	A	50.0	49.2	0.357435	0.3516517		-1.6	20
Dimethylphthalate	A	50.0	49.4	1.435065	1.416294		-1.3	20
4,6-Dinitro-2-methylphenol	L	50.0	46.7	0.1744732	0.1709445		-6.6	20
2,4-Dinitrophenol	L	50.0	42.6	0.2164078	0.1914058		-14.7	20
2,4-Dinitrotoluene	A	50.0	53.8	0.441122	0.4743143		7.5	20
2,6-Dinitrotoluene	A	50.0	51.5	0.3357086	0.3459203		3.0	20
Di-n-octylphthalate	A	50.0	42.4	1.771405	1.500585		-15.3	20
1,2-Diphenylhydrazine/Azobenzene	A	50.0	48.0	0.7725604	0.7412578		-4.1	20
Fluoranthene	A	50.0	51.7	1.355919	1.40267		3.4	20
Fluorene	A	50.0	49.4	1.516701	1.498095		-1.2	20
Hexachlorobenzene	A	50.0	48.5	0.2338756	0.2267191		-3.1	20
Hexachlorobutadiene	A	50.0	48.7	0.1840422	0.1791642		-2.7	20
Hexachlorocyclopentadiene	A	50.0	24.9	0.402534	0.2002252		-50.3	20
Hexachloroethane	A	50.0	48.5	0.6866167	0.6658799		-3.0	20
Indeno(1,2,3-cd)pyrene	A	50.0	46.1	1.183535	1.090982		-7.8	20
Isophorone	A	50.0	50.1	0.6486237	0.6502541		0.3	20
1-Methylnaphthalene	A	50.0	50.6	0.750515	0.7587449		1.1	20
2-Methylnaphthalene	A	50.0	46.0	0.7861866	0.7236031		-8.0	20
2-Methylphenol	A	50.0	46.5	1.433403	1.333895		-6.9	20
3/4-Methylphenol	A	100	103	1.577391	1.621131		2.8	20
Naphthalene	A	50.0	48.4	1.182004	1.143986		-3.2	20
2-Nitroaniline	A	50.0	51.5	0.3666637	0.3773636		2.9	20
3-Nitroaniline	A	50.0	51.2	0.3866479	0.3956716		2.3	20
4-Nitroaniline	A	50.0	51.7	0.4284421	0.4428835		3.4	20
Nitrobenzene	A	50.0	53.0	0.3683338	0.3900433		5.9	20
2-Nitrophenol	A	50.0	51.1	0.2262623	0.2313276		2.2	20

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8270D

Laboratory:	Con-Test Analytical Laboratory	Work Order:	19F1123
Client:	Weston & Sampson - Waterbury, VT	Project:	Kingston Brownfields
Instrument ID:	GCMSSV2	Calibration:	1900123
Lab File ID:	B1917602.D	Calibration Date:	04/16/19 11:28
Sequence:	S037429	Injection Date:	06/25/19
Lab Sample ID:	S037429-CCV1	Injection Time:	09:07

		CONC. (µg/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
4-Nitrophenol	A	50.0	63.0	0.1720463	0.2167694		26.0	20	*
N-Nitrosodimethylamine	A	50.0	60.3	0.5953265	0.7180892		20.6	20	*
N-Nitrosodiphenylamine/Diphenylamine	A	42.8	41.3	0.7417309	0.718027		-3.2	20	
N-Nitrosodi-n-propylamine	A	50.0	48.0	1.069332	1.026667		-4.0	20	
Pentachloronitrobenzene	A	50.0	47.4	4.324385E-02	4.095122E-02		-5.3	20	
Pentachlorophenol	A	50.0	40.7	0.1672428	0.1360409		-18.7	20	
Phenanthrene	A	50.0	49.4	1.249182	1.234098		-1.2	20	
Phenol	A	50.0	50.3	1.831649	1.842374		0.6	20	
Pyrene	A	50.0	47.4	1.553635	1.473611		-5.2	20	
Pyridine	A	50.0	50.0	1.414221	1.413319		-0.06	20	
1,2,4,5-Tetrachlorobenzene	A	50.0	48.6	0.635092	0.6168569		-2.9	20	
1,2,4-Trichlorobenzene	A	50.0	51.5	0.3528977	0.363407		3.0	20	
2,4,5-Trichlorophenol	A	50.0	50.3	0.4591889	0.4619359		0.6	20	
2,4,6-Trichlorophenol	A	50.0	49.2	0.4303061	0.4230555		-1.7	20	
2-Fluorophenol	A	100	98.3	1.365203	1.342072		-1.7		
Phenol-d6	A	100	102	1.710249	1.748184		2.2		
Nitrobenzene-d5	A	50.0	50.0	0.3728127	0.3728622		0.01		
2-Fluorobiphenyl	A	50.0	49.4	1.145041	1.131815		-1.2		
2,4,6-Tribromophenol	A	100	92.4	0.1873557	0.1730633		-7.6		
p-Terphenyl-d14	A	50.0	49.0	0.7155633	0.7012444		-2.0		

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

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QA/QC Review of 8082A PCB Data for
Con-Test Analytical Laboratory, Work Order No: 19F1123

2 Ground Water Samples and 1 Field Duplicate
Collected June 19-20, 2019

Prepared by: Donald Anné
October 9, 2019

Holding Times: The samples were extracted and analyzed within USEPA SW-846 holding times.

Blanks: The analysis of the method blank reported target aroclors as not detected.

Surrogate Recovery: The surrogate recoveries were within QC limits on both columns for the ground water samples.

Laboratory Control Sample: The relative percent differences for aroclor 1016 and aroclor 1260 were below the allowable maximums and percent recoveries were within QC limits on both columns for aqueous samples B233911-BS1 and B233911-BSD1.

Field Duplicates: The analyses of aqueous field duplicate pair MW-4/DUP reported target aroclors as not detected; therefore, valid relative percent differences could not be calculated. The analyses for the field duplicate pair were acceptable.

Initial Calibration: The %RSDs for target aroclors were below the allowable maximum (20%) on both columns, as required.

Continuing Calibration: The %Ds for target aroclors were below the allowable maximum (15%) for on both columns, as required.

PCB Identification Summary: Checked surrogate results were within quantitation limits. The analyses of the ground water samples reported target aroclors as not detected.

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QA/QC Review of Metals Data for
Con-Test Analytical Laboratory
Work Order No: 19F1123

6 Ground Water Samples and 1 Field Duplicate
Collected June 19, 2019

Prepared by: Donald Anné
October 9, 2019

Holding Times: The samples were analyzed within USEPA SW-846 holding times.

Initial and Continuing Calibration Verification: The percent recoveries for target metals were within control limits (90-110%for all metals except Hg, 80-120% for Hg).

Blanks: The analyses of initial and continuing calibration blanks reported target metals as either not detected or below the reporting limit, as required.

ICP Interference Check Sample: The percent recoveries for applicable metals were within control limits (80-120%).

Spike Sample Recovery: The percent recoveries for target metals within control limits for aqueous spike sample MW-1.

Laboratory Duplicates: The relative percent differences for applicable metals were below the allowable maximum (20%) for aqueous duplicate sample MW-1, as required.

Field Duplicate: The relative percent difference for chromium was above the allowable maximum (20%) for aqueous field duplicate pair MW-4/DUP (attached table). Positive results for chromium should be considered estimated (J) in samples MW-4 and DUP.

Laboratory Control Sample: The relative percent differences for target metals were below the allowable maximums and the percent recoveries were within control limits for soil samples B234110-BS1 and B234222-BS1.

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RCRA Metals

Calculations for Field Duplicate Relative Percent Difference (RPD)
SDG No. 19F1123

S1= MW-4 **S2=** DUP

Analyte	S1	S2	RPD (%)	
arsenic	ND	ND	NC	
barium	33	35	6%	
cadmium	0.22	0.25	13%	
chromium	0.69	0.91	28%	*
lead	0.31	0.35	12%	
mercury	ND	ND	NC	
selenium	14	15	7%	
silver	ND	ND	NC	

* RPD is above the allowable maximum (20%)

All results are in ug/L.

Bold numbers were values that below the CRDL.
ND - Not detected.
NC - Not calculated, both results must be above the CRDL for valid RPDs to be calculated.

con-test® ANALYTICAL LABORATORY

Qualified Data

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway
Sample Description:
Work Order: 19F1123

Date Received: 6/20/2019

Field Sample #: MW-1
Sampled: 6/19/2019 13:40

Sample ID: 19F1123-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	3.8	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
Acrylonitrile	ND	5.0	0.52	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.14	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
Bromobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
Bromochloromethane	ND	1.0	0.32	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
Bromoform	ND	1.0	0.46	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
Bromomethane	ND	2.0	0.78	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
tert-Butyl Alcohol (TBA)	ND	20	4.2	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
n-Butylbenzene	ND	1.0	0.21	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
sec-Butylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
tert-Butylbenzene	ND	1.0	0.17	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
Carbon Disulfide	ND	5.0	4.4	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
Carbon Tetrachloride	ND	5.0	0.11	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
Chlorobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
Chlorodibromomethane	ND	0.50	0.21	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
Chloroethane	ND	2.0	0.35	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
Chloroform	ND	2.0	0.17	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
Chloromethane	ND	2.0	0.45	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
2-Chlorotoluene	ND	1.0	0.12	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
4-Chlorotoluene	ND	1.0	0.14	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.53	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.19	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
Dibromomethane	ND	1.0	0.37	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
1,2-Dichlorobenzene	ND	1.0	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
1,3-Dichlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	0.31	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.26	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
1,1-Dichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
1,2-Dichloroethane	ND	1.0	0.41	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
1,1-Dichloroethylene	ND	1.0	0.32	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
cis-1,2-Dichloroethylene	ND	1.0	0.13	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.31	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
1,2-Dichloropropane	ND	1.0	0.20	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
1,3-Dichloropropane	ND	0.50	0.11	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
2,2-Dichloropropane	ND	1.0	0.20	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
1,1-Dichloropropene	ND	2.0	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
cis-1,3-Dichloropropene	ND	0.50	0.13	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
trans-1,3-Dichloropropene	ND	0.50	0.23	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
Diethyl Ether	ND	2.0	0.34	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway
Sample Description:
Work Order: 19F1123
Date Received: 6/20/2019
Field Sample #: MW-1
Sampled: 6/19/2019 13:40
Sample ID: 19F1123-01
Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	0.17	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
Ethylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
Hexachlorobutadiene	ND	0.60	0.47	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
2-Hexanone (MBK)	ND	10	1.5	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.17	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.20	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
Methyl Acetate	ND	1.0	0.42	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.25	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
Methyl Cyclohexane	ND	1.0	0.20	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
Methylene Chloride	ND	5.0	0.34	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.7	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
Naphthalene	ND	2.0	0.31	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
n-Propylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
Styrene	ND	1.0	0.11	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	0.27	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.22	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
Tetrachloroethylene	0.60	1.0	0.18	µg/L	1	J	SW-846 8260C	6/21/19	6/21/19 15:19	EEH
Tetrahydrofuran	ND	10	0.51	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
Toluene	ND	1.0	0.14	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.57	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.40	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
1,3,5-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
1,1,1-Trichloroethane	ND	1.0	0.20	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
1,1,2-Trichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
Trichloroethylene	ND	1.0	0.24	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.33	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
1,2,3-Trichloropropane	ND	2.0	0.25	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.32	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
1,2,4-Trimethylbenzene	ND	1.0	0.18	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
1,3,5-Trimethylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
Vinyl Chloride	ND	2.0	0.45	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
m+p Xylene	ND	2.0	0.30	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH
o-Xylene	ND	1.0	0.17	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:19	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	102	70-130		6/21/19 15:19
Toluene-d8	97.6	70-130		6/21/19 15:19
4-Bromofluorobenzene	96.2	70-130		6/21/19 15:19

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway
Sample Description:
Work Order: 19F1123
Date Received: 6/20/2019
Field Sample #: MW-1
Sampled: 6/19/2019 13:40
Sample ID: 19F1123-01
Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	4.7	2.3	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
Acenaphthylene	ND	4.7	2.3	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
Acetophenone	ND	9.5	2.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
Aniline	ND	4.7	3.5	µg/L	1	V-34	SW-846 8270D	6/21/19	6/25/19 15:08	IMR
Anthracene	ND	4.7	2.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
Benzidine	ND	19	11	µg/L	1	R-05, V-04, V-05	SW-846 8270D	6/21/19	6/25/19 15:08	IMR
Benzo(a)anthracene	ND	4.7	2.2	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
Benzo(a)pyrene	ND	4.7	2.3	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
Benzo(b)fluoranthene	ND	4.7	2.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
Benzo(g,h,i)perylene	ND	4.7	3.2	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
Benzo(k)fluoranthene	ND	4.7	2.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
Benzoic Acid	ND	9.5	8.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
Bis(2-chloroethoxy)methane	ND	9.5	2.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
Bis(2-chloroethyl)ether	ND	9.5	2.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
Bis(2-chloroisopropyl)ether	ND	9.5	2.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
Bis(2-Ethylhexyl)phthalate	ND	9.5	1.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
4-Bromophenylphenylether	ND	9.5	3.2	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
Butylbenzylphthalate	ND	9.5	2.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
Carbazole	ND	9.5	2.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
4-Chloroaniline	ND	9.5	2.1	µg/L	1	V-34	SW-846 8270D	6/21/19	6/25/19 15:08	IMR
4-Chloro-3-methylphenol	ND	9.5	1.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
2-Chloronaphthalene	ND	9.5	2.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
2-Chlorophenol	ND	9.5	2.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
4-Chlorophenylphenylether	ND	9.5	2.3	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
Chrysene	ND	4.7	2.3	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
Dibenz(a,h)anthracene	ND	4.7	2.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
Dibenzofuran	ND	4.7	2.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
Di-n-butylphthalate	ND	9.5	2.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
1,2-Dichlorobenzene	ND	4.7	1.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
1,3-Dichlorobenzene	ND	4.7	1.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
1,4-Dichlorobenzene	ND	4.7	2.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
3,3-Dichlorobenzidine	ND	9.5	3.3	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
2,4-Dichlorophenol	ND	9.5	1.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
Diethylphthalate	ND	9.5	1.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
2,4-Dimethylphenol	ND	9.5	3.3	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
Dimethylphthalate	ND	9.5	1.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
4,6-Dinitro-2-methylphenol	ND	9.5	7.3	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
2,4-Dinitrophenol	ND	9.5	7.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
2,4-Dinitrotoluene	ND	9.5	1.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
2,6-Dinitrotoluene	ND	9.5	1.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
Di-n-octylphthalate	ND	9.5	2.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
1,2-Diphenylhydrazine/Azobenzene	ND	9.5	5.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
Fluoranthene	ND	4.7	2.2	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
Fluorene	ND	4.7	2.3	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway | Sample Description: | Work Order: 19F1123
Date Received: 6/20/2019
Field Sample #: MW-1 | Sampled: 6/19/2019 13:40
Sample ID: 19F1123-01
Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	9.5	2.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
Hexachlorobutadiene	ND	9.5	1.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
Hexachlorocyclopentadiene	ND	9.5	7.7	µg/L	1	UJ L-04, V-05	SW-846 8270D	6/21/19	6/25/19 15:08	IMR
Hexachloroethane	ND	9.5	1.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
Indeno(1,2,3-cd)pyrene	ND	4.7	3.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
Isophorone	ND	9.5	2.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
1-Methylnaphthalene	ND	4.7	2.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
2-Methylnaphthalene	ND	4.7	2.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
2-Methylphenol	ND	9.5	2.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
3/4-Methylphenol	ND	9.5	2.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
Naphthalene	ND	4.7	2.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
2-Nitroaniline	ND	9.5	3.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
3-Nitroaniline	ND	9.5	1.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
4-Nitroaniline	ND	9.5	1.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
Nitrobenzene	ND	9.5	2.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
2-Nitrophenol	ND	9.5	1.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
4-Nitrophenol	ND	9.5	3.6	µg/L	1	V-20	SW-846 8270D	6/21/19	6/25/19 15:08	IMR
N-Nitrosodimethylamine	ND	9.5	3.0	µg/L	1	V-20	SW-846 8270D	6/21/19	6/25/19 15:08	IMR
N-Nitrosodiphenylamine/Diphenylamine	ND	9.5	5.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
N-Nitrosodi-n-propylamine	ND	9.5	2.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
Pentachloronitrobenzene	ND	9.5	4.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
Pentachlorophenol	ND	9.5	7.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
Phenanthrene	ND	4.7	2.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
Phenol	ND	9.5	2.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
Pyrene	ND	4.7	3.3	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
Pyridine	ND	4.7	3.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
1,2,4,5-Tetrachlorobenzene	ND	9.5	2.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
1,2,4-Trichlorobenzene	ND	4.7	1.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
2,4,5-Trichlorophenol	ND	9.5	1.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR
2,4,6-Trichlorophenol	ND	9.5	1.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:08	IMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	38.9	15-110		6/25/19 15:08
Phenol-d6	29.0	15-110		6/25/19 15:08
Nitrobenzene-d5	69.7	30-130		6/25/19 15:08
2-Fluorobiphenyl	73.6	30-130		6/25/19 15:08
2,4,6-Tribromophenol	66.4	15-110		6/25/19 15:08
p-Terphenyl-d14	72.7	30-130		6/25/19 15:08

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway
Sample Description:
Work Order: 19F1123
Date Received: 6/20/2019
Field Sample #: MW-1
Sampled: 6/19/2019 13:40
Sample ID: 19F1123-01
Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	0.80	0.64	µg/L	1		SW-846 6020B	6/25/19	6/27/19 11:33	MJH
Barium	66	10	0.88	µg/L	1		SW-846 6020B	6/25/19	6/27/19 11:33	MJH
Cadmium	0.049	0.20	0.038	µg/L	1	J	SW-846 6020B	6/25/19	6/27/19 11:33	MJH
Chromium	1.1	1.0	0.24	µg/L	1	B	SW-846 6020B	6/25/19	6/27/19 11:33	MJH
Lead	0.49	0.50	0.085	µg/L	1	J	SW-846 6020B	6/25/19	6/27/19 11:33	MJH
Mercury	ND	0.00010	0.000034	mg/L	1		SW-846 7470A	6/26/19	6/26/19 15:30	AJL
Selenium	20	5.0	1.6	µg/L	1		SW-846 6020B	6/25/19	6/27/19 11:33	MJH
Silver	ND	0.20	0.18	µg/L	1		SW-846 6020B	6/25/19	6/27/19 11:33	MJH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway
Sample Description:
Work Order: 19F1123
Date Received: 6/20/2019
Field Sample #: MW-2
Sampled: 6/20/2019 09:15
Sample ID: 19F1123-02
Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	3.8	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
Acrylonitrile	ND	5.0	0.52	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.14	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
Bromobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
Bromochloromethane	ND	1.0	0.32	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
Bromoform	ND	1.0	0.46	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
Bromomethane	ND	2.0	0.78	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
tert-Butyl Alcohol (TBA)	ND	20	4.2	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
n-Butylbenzene	ND	1.0	0.21	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
sec-Butylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
tert-Butylbenzene	ND	1.0	0.17	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
Carbon Disulfide	ND	5.0	4.4	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
Carbon Tetrachloride	ND	5.0	0.11	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
Chlorobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
Chlorodibromomethane	ND	0.50	0.21	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
Chloroethane	ND	2.0	0.35	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
Chloroform	ND	2.0	0.17	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
Chloromethane	ND	2.0	0.45	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
2-Chlorotoluene	ND	1.0	0.12	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
4-Chlorotoluene	ND	1.0	0.14	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.53	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.19	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
Dibromomethane	ND	1.0	0.37	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
1,2-Dichlorobenzene	ND	1.0	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
1,3-Dichlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	0.31	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.26	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
1,1-Dichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
1,2-Dichloroethane	ND	1.0	0.41	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
1,1-Dichloroethylene	ND	1.0	0.32	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
cis-1,2-Dichloroethylene	ND	1.0	0.13	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.31	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
1,2-Dichloropropane	ND	1.0	0.20	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
1,3-Dichloropropane	ND	0.50	0.11	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
2,2-Dichloropropane	ND	1.0	0.20	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
1,1-Dichloropropene	ND	2.0	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
cis-1,3-Dichloropropene	ND	0.50	0.13	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
trans-1,3-Dichloropropene	ND	0.50	0.23	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
Diethyl Ether	ND	2.0	0.34	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway
Sample Description:
Work Order: 19F1123
Date Received: 6/20/2019
Field Sample #: MW-2
Sampled: 6/20/2019 09:15
Sample ID: 19F1123-02
Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	0.17	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
Ethylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
Hexachlorobutadiene	ND	0.60	0.47	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
2-Hexanone (MBK)	ND	10	1.5	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.17	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.20	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
Methyl Acetate	ND	1.0	0.42	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.25	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
Methyl Cyclohexane	ND	1.0	0.20	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
Methylene Chloride	ND	5.0	0.34	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.7	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
Naphthalene	ND	2.0	0.31	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
n-Propylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
Styrene	ND	1.0	0.11	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	0.27	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.22	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
Tetrachloroethylene	7.3	1.0	0.18	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
Tetrahydrofuran	ND	10	0.51	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
Toluene	ND	1.0	0.14	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.57	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.40	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
1,3,5-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
1,1,1-Trichloroethane	ND	1.0	0.20	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
1,1,2-Trichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
Trichloroethylene	21	1.0	0.24	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.33	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
1,2,3-Trichloropropane	ND	2.0	0.25	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.32	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
1,2,4-Trimethylbenzene	ND	1.0	0.18	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
1,3,5-Trimethylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
Vinyl Chloride	ND	2.0	0.45	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
m+p Xylene	ND	2.0	0.30	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH
o-Xylene	ND	1.0	0.17	µg/L	1		SW-846 8260C	6/21/19	6/21/19 15:45	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	102	70-130		6/21/19 15:45
Toluene-d8	97.7	70-130		6/21/19 15:45
4-Bromofluorobenzene	93.4	70-130		6/21/19 15:45

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway | Sample Description: | Work Order: 19F1123
Date Received: 6/20/2019
Field Sample #: MW-2 | Sampled: 6/20/2019 09:15
Sample ID: 19F1123-02
Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	5.1	2.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
Acenaphthylene	ND	5.1	2.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
Acetophenone	ND	10	3.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
Aniline	ND	5.1	3.8	µg/L	1	V-34	SW-846 8270D	6/21/19	6/25/19 15:33	IMR
Anthracene	ND	5.1	2.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
Benzidine	ND	20	12	µg/L	1	R-05, V-04, V-05	SW-846 8270D	6/21/19	6/25/19 15:33	IMR
Benzo(a)anthracene	ND	5.1	2.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
Benzo(a)pyrene	ND	5.1	2.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
Benzo(b)fluoranthene	ND	5.1	2.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
Benzo(g,h,i)perylene	ND	5.1	3.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
Benzo(k)fluoranthene	ND	5.1	2.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
Benzoic Acid	ND	10	9.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
Bis(2-chloroethoxy)methane	ND	10	2.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
Bis(2-chloroethyl)ether	ND	10	3.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
Bis(2-chloroisopropyl)ether	ND	10	2.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
Bis(2-Ethylhexyl)phthalate	ND	10	1.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
4-Bromophenylphenylether	ND	10	3.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
Butylbenzylphthalate	ND	10	2.2	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
Carbazole	ND	10	2.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
4-Chloroaniline	ND	10	2.2	µg/L	1	V-34	SW-846 8270D	6/21/19	6/25/19 15:33	IMR
4-Chloro-3-methylphenol	ND	10	1.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
2-Chloronaphthalene	ND	10	2.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
2-Chlorophenol	ND	10	2.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
4-Chlorophenylphenylether	ND	10	2.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
Chrysene	ND	5.1	2.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
Dibenz(a,h)anthracene	ND	5.1	3.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
Dibenzofuran	ND	5.1	2.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
Di-n-butylphthalate	ND	10	2.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
1,2-Dichlorobenzene	ND	5.1	1.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
1,3-Dichlorobenzene	ND	5.1	1.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
1,4-Dichlorobenzene	ND	5.1	2.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
3,3-Dichlorobenzidine	ND	10	3.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
2,4-Dichlorophenol	ND	10	2.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
Diethylphthalate	ND	10	1.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
2,4-Dimethylphenol	ND	10	3.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
Dimethylphthalate	ND	10	1.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
4,6-Dinitro-2-methylphenol	ND	10	7.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
2,4-Dinitrophenol	ND	10	7.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
2,4-Dinitrotoluene	ND	10	1.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
2,6-Dinitrotoluene	ND	10	1.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
Di-n-octylphthalate	ND	10	3.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
1,2-Diphenylhydrazine/Azobenzene	ND	10	5.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
Fluoranthene	ND	5.1	2.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
Fluorene	ND	5.1	2.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway
Sample Description:
Work Order: 19F1123
Date Received: 6/20/2019
Field Sample #: MW-2
Sampled: 6/20/2019 09:15
Sample ID: 19F1123-02
Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	10	3.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
Hexachlorobutadiene	ND	10	1.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
Hexachlorocyclopentadiene	ND	10	8.3	µg/L	1	UJ L-04, V-05	SW-846 8270D	6/21/19	6/25/19 15:33	IMR
Hexachloroethane	ND	10	1.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
Indeno(1,2,3-cd)pyrene	ND	5.1	3.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
Isophorone	ND	10	2.2	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
1-Methylnaphthalene	ND	5.1	3.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
2-Methylnaphthalene	ND	5.1	2.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
2-Methylphenol	ND	10	2.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
3/4-Methylphenol	ND	10	2.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
Naphthalene	ND	5.1	2.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
2-Nitroaniline	ND	10	3.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
3-Nitroaniline	ND	10	1.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
4-Nitroaniline	ND	10	1.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
Nitrobenzene	ND	10	2.2	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
2-Nitrophenol	ND	10	2.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
4-Nitrophenol	ND	10	3.8	µg/L	1	V-20	SW-846 8270D	6/21/19	6/25/19 15:33	IMR
N-Nitrosodimethylamine	ND	10	3.2	µg/L	1	V-20	SW-846 8270D	6/21/19	6/25/19 15:33	IMR
N-Nitrosodiphenylamine/Diphenylamine	ND	10	6.3	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
N-Nitrosodi-n-propylamine	ND	10	3.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
Pentachloronitrobenzene	ND	10	5.2	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
Pentachlorophenol	ND	10	8.2	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
Phenanthrene	ND	5.1	2.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
Phenol	ND	10	3.2	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
Pyrene	ND	5.1	3.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
Pyridine	ND	5.1	3.3	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
1,2,4,5-Tetrachlorobenzene	ND	10	2.2	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
1,2,4-Trichlorobenzene	ND	5.1	1.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
2,4,5-Trichlorophenol	ND	10	1.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR
2,4,6-Trichlorophenol	ND	10	2.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:33	IMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	42.5	15-110		6/25/19 15:33
Phenol-d6	32.5	15-110		6/25/19 15:33
Nitrobenzene-d5	73.2	30-130		6/25/19 15:33
2-Fluorobiphenyl	74.2	30-130		6/25/19 15:33
2,4,6-Tribromophenol	65.8	15-110		6/25/19 15:33
p-Terphenyl-d14	75.3	30-130		6/25/19 15:33

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway
Sample Description:
Work Order: 19F1123
Date Received: 6/20/2019
Field Sample #: MW-2
Sampled: 6/20/2019 09:15
Sample ID: 19F1123-02
Sample Matrix: Ground Water

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.31	0.28	µg/L	1		SW-846 8082A	6/21/19	6/25/19 10:19	TG
Aroclor-1221 [1]	ND	0.31	0.25	µg/L	1		SW-846 8082A	6/21/19	6/25/19 10:19	TG
Aroclor-1232 [1]	ND	0.31	0.31	µg/L	1		SW-846 8082A	6/21/19	6/25/19 10:19	TG
Aroclor-1242 [1]	ND	0.31	0.27	µg/L	1		SW-846 8082A	6/21/19	6/25/19 10:19	TG
Aroclor-1248 [1]	ND	0.31	0.29	µg/L	1		SW-846 8082A	6/21/19	6/25/19 10:19	TG
Aroclor-1254 [1]	ND	0.31	0.16	µg/L	1		SW-846 8082A	6/21/19	6/25/19 10:19	TG
Aroclor-1260 [1]	ND	0.31	0.30	µg/L	1		SW-846 8082A	6/21/19	6/25/19 10:19	TG
Aroclor-1262 [1]	ND	0.31	0.21	µg/L	1		SW-846 8082A	6/21/19	6/25/19 10:19	TG
Aroclor-1268 [1]	ND	0.31	0.19	µg/L	1		SW-846 8082A	6/21/19	6/25/19 10:19	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	78.0	30-150		6/25/19 10:19
Decachlorobiphenyl [2]	81.4	30-150		6/25/19 10:19
Tetrachloro-m-xylene [1]	65.5	30-150		6/25/19 10:19
Tetrachloro-m-xylene [2]	72.4	30-150		6/25/19 10:19

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway
Sample Description:
Work Order: 19F1123

Date Received: 6/20/2019

Field Sample #: MW-2
Sampled: 6/20/2019 09:15

Sample ID: 19F1123-02

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	0.80	0.64	µg/L	1		SW-846 6020B	6/25/19	6/27/19 11:36	MJH
Barium	17	10	0.88	µg/L	1		SW-846 6020B	6/25/19	6/27/19 11:36	MJH
Cadmium	ND	0.20	0.038	µg/L	1		SW-846 6020B	6/25/19	6/27/19 11:36	MJH
Chromium	1.0	1.0	0.24	µg/L	1	B	SW-846 6020B	6/25/19	6/27/19 11:36	MJH
Lead	ND	0.50	0.085	µg/L	1		SW-846 6020B	6/25/19	6/27/19 11:36	MJH
Mercury	ND	0.00010	0.000034	mg/L	1		SW-846 7470A	6/26/19	6/26/19 15:32	AJL
Selenium	4.4	5.0	1.6	µg/L	1	J	SW-846 6020B	6/25/19	6/27/19 11:36	MJH
Silver	ND	0.20	0.18	µg/L	1		SW-846 6020B	6/25/19	6/27/19 11:36	MJH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway
Sample Description:
Work Order: 19F1123
Date Received: 6/20/2019
Field Sample #: MW-3
Sampled: 6/20/2019 09:10
Sample ID: 19F1123-03
Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	3.8	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
Acrylonitrile	ND	5.0	0.52	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.14	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
Bromobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
Bromochloromethane	ND	1.0	0.32	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
Bromoform	ND	1.0	0.46	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
Bromomethane	ND	2.0	0.78	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
tert-Butyl Alcohol (TBA)	ND	20	4.2	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
n-Butylbenzene	ND	1.0	0.21	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
sec-Butylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
tert-Butylbenzene	ND	1.0	0.17	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
Carbon Disulfide	ND	5.0	4.4	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
Carbon Tetrachloride	ND	5.0	0.11	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
Chlorobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
Chlorodibromomethane	ND	0.50	0.21	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
Chloroethane	ND	2.0	0.35	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
Chloroform	ND	2.0	0.17	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
Chloromethane	ND	2.0	0.45	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
2-Chlorotoluene	ND	1.0	0.12	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
4-Chlorotoluene	ND	1.0	0.14	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.53	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.19	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
Dibromomethane	ND	1.0	0.37	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
1,2-Dichlorobenzene	ND	1.0	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
1,3-Dichlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	0.31	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.26	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
1,1-Dichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
1,2-Dichloroethane	ND	1.0	0.41	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
1,1-Dichloroethylene	ND	1.0	0.32	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
cis-1,2-Dichloroethylene	ND	1.0	0.13	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.31	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
1,2-Dichloropropane	ND	1.0	0.20	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
1,3-Dichloropropane	ND	0.50	0.11	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
2,2-Dichloropropane	ND	1.0	0.20	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
1,1-Dichloropropene	ND	2.0	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
cis-1,3-Dichloropropene	ND	0.50	0.13	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
trans-1,3-Dichloropropene	ND	0.50	0.23	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
Diethyl Ether	ND	2.0	0.34	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway | Sample Description: | Work Order: 19F1123

Date Received: 6/20/2019

Field Sample #: MW-3 | Sampled: 6/20/2019 09:10

Sample ID: 19F1123-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	0.17	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
Ethylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
Hexachlorobutadiene	ND	0.60	0.47	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
2-Hexanone (MBK)	ND	10	1.5	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.17	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.20	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
Methyl Acetate	ND	1.0	0.42	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.25	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
Methyl Cyclohexane	ND	1.0	0.20	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
Methylene Chloride	ND	5.0	0.34	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.7	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
Naphthalene	ND	2.0	0.31	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
n-Propylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
Styrene	ND	1.0	0.11	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	0.27	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.22	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
Tetrachloroethylene	ND	1.0	0.18	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
Tetrahydrofuran	ND	10	0.51	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
Toluene	ND	1.0	0.14	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.57	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.40	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
1,3,5-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
1,1,1-Trichloroethane	ND	1.0	0.20	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
1,1,2-Trichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
Trichloroethylene	1.0	1.0	0.24	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.33	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
1,2,3-Trichloropropane	ND	2.0	0.25	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.32	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
1,2,4-Trimethylbenzene	ND	1.0	0.18	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
1,3,5-Trimethylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
Vinyl Chloride	ND	2.0	0.45	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
m+p Xylene	ND	2.0	0.30	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH
o-Xylene	ND	1.0	0.17	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:11	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	102	70-130		6/21/19 16:11
Toluene-d8	97.6	70-130		6/21/19 16:11
4-Bromofluorobenzene	97.5	70-130		6/21/19 16:11

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway
Sample Description:
Work Order: 19F1123
Date Received: 6/20/2019
Field Sample #: MW-3
Sampled: 6/20/2019 09:10
Sample ID: 19F1123-03
Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	4.7	2.3	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
Acenaphthylene	ND	4.7	2.3	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
Acetophenone	ND	9.5	2.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
Aniline	ND	4.7	3.5	µg/L	1	V-34	SW-846 8270D	6/21/19	6/25/19 15:58	IMR
Anthracene	ND	4.7	2.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
Benzidine	ND	19	11	µg/L	1	R-05, V-04, V-05	SW-846 8270D	6/21/19	6/25/19 15:58	IMR
Benzo(a)anthracene	ND	4.7	2.2	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
Benzo(a)pyrene	ND	4.7	2.3	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
Benzo(b)fluoranthene	ND	4.7	2.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
Benzo(g,h,i)perylene	ND	4.7	3.2	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
Benzo(k)fluoranthene	ND	4.7	2.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
Benzoic Acid	ND	9.5	8.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
Bis(2-chloroethoxy)methane	ND	9.5	2.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
Bis(2-chloroethyl)ether	ND	9.5	2.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
Bis(2-chloroisopropyl)ether	ND	9.5	2.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
Bis(2-Ethylhexyl)phthalate	ND	9.5	1.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
4-Bromophenylphenylether	ND	9.5	3.2	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
Butylbenzylphthalate	ND	9.5	2.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
Carbazole	ND	9.5	2.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
4-Chloroaniline	ND	9.5	2.1	µg/L	1	V-34	SW-846 8270D	6/21/19	6/25/19 15:58	IMR
4-Chloro-3-methylphenol	ND	9.5	1.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
2-Chloronaphthalene	ND	9.5	2.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
2-Chlorophenol	ND	9.5	2.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
4-Chlorophenylphenylether	ND	9.5	2.3	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
Chrysene	ND	4.7	2.3	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
Dibenz(a,h)anthracene	ND	4.7	2.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
Dibenzofuran	ND	4.7	2.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
Di-n-butylphthalate	ND	9.5	2.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
1,2-Dichlorobenzene	ND	4.7	1.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
1,3-Dichlorobenzene	ND	4.7	1.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
1,4-Dichlorobenzene	ND	4.7	2.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
3,3-Dichlorobenzidine	ND	9.5	3.3	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
2,4-Dichlorophenol	ND	9.5	1.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
Diethylphthalate	ND	9.5	1.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
2,4-Dimethylphenol	ND	9.5	3.3	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
Dimethylphthalate	ND	9.5	1.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
4,6-Dinitro-2-methylphenol	ND	9.5	7.3	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
2,4-Dinitrophenol	ND	9.5	7.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
2,4-Dinitrotoluene	ND	9.5	1.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
2,6-Dinitrotoluene	ND	9.5	1.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
Di-n-octylphthalate	ND	9.5	2.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
1,2-Diphenylhydrazine/Azobenzene	ND	9.5	5.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
Fluoranthene	ND	4.7	2.2	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
Fluorene	ND	4.7	2.3	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway | Sample Description: | Work Order: 19F1123
Date Received: 6/20/2019
Field Sample #: MW-3 | Sampled: 6/20/2019 09:10
Sample ID: 19F1123-03
Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	9.5	2.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
Hexachlorobutadiene	ND	9.5	1.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
Hexachlorocyclopentadiene	ND	9.5	7.7	µg/L	1	UJ L-04, V-05	SW-846 8270D	6/21/19	6/25/19 15:58	IMR
Hexachloroethane	ND	9.5	1.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
Indeno(1,2,3-cd)pyrene	ND	4.7	3.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
Isophorone	ND	9.5	2.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
1-Methylnaphthalene	ND	4.7	2.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
2-Methylnaphthalene	ND	4.7	2.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
2-Methylphenol	ND	9.5	2.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
3/4-Methylphenol	ND	9.5	2.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
Naphthalene	ND	4.7	2.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
2-Nitroaniline	ND	9.5	3.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
3-Nitroaniline	ND	9.5	1.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
4-Nitroaniline	ND	9.5	1.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
Nitrobenzene	ND	9.5	2.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
2-Nitrophenol	ND	9.5	1.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
4-Nitrophenol	ND	9.5	3.6	µg/L	1	V-20	SW-846 8270D	6/21/19	6/25/19 15:58	IMR
N-Nitrosodimethylamine	ND	9.5	3.0	µg/L	1	V-20	SW-846 8270D	6/21/19	6/25/19 15:58	IMR
N-Nitrosodiphenylamine/Diphenylamine	ND	9.5	5.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
N-Nitrosodi-n-propylamine	ND	9.5	2.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
Pentachloronitrobenzene	ND	9.5	4.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
Pentachlorophenol	ND	9.5	7.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
Phenanthrene	ND	4.7	2.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
Phenol	ND	9.5	2.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
Pyrene	ND	4.7	3.3	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
Pyridine	ND	4.7	3.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
1,2,4,5-Tetrachlorobenzene	ND	9.5	2.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
1,2,4-Trichlorobenzene	ND	4.7	1.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
2,4,5-Trichlorophenol	ND	9.5	1.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR
2,4,6-Trichlorophenol	ND	9.5	1.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 15:58	IMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	40.1	15-110		6/25/19 15:58
Phenol-d6	28.4	15-110		6/25/19 15:58
Nitrobenzene-d5	72.5	30-130		6/25/19 15:58
2-Fluorobiphenyl	74.8	30-130		6/25/19 15:58
2,4,6-Tribromophenol	67.7	15-110		6/25/19 15:58
p-Terphenyl-d14	74.6	30-130		6/25/19 15:58

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway
Sample Description:
Work Order: 19F1123

Date Received: 6/20/2019

Field Sample #: MW-3
Sampled: 6/20/2019 09:10

Sample ID: 19F1123-03

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	0.73	0.80	0.64	µg/L	1	J	SW-846 6020B	6/25/19	6/27/19 11:39	MJH
Barium	32	10	0.88	µg/L	1		SW-846 6020B	6/25/19	6/27/19 11:39	MJH
Cadmium	0.067	0.20	0.038	µg/L	1	J	SW-846 6020B	6/25/19	6/27/19 11:39	MJH
Chromium	2.1	1.0	0.24	µg/L	1	B	SW-846 6020B	6/25/19	6/27/19 11:39	MJH
Lead	0.99	0.50	0.085	µg/L	1		SW-846 6020B	6/25/19	6/27/19 11:39	MJH
Mercury	ND	0.00010	0.000034	mg/L	1		SW-846 7470A	6/26/19	6/26/19 15:34	AJL
Selenium	9.1	5.0	1.6	µg/L	1		SW-846 6020B	6/25/19	6/27/19 11:39	MJH
Silver	ND	0.20	0.18	µg/L	1		SW-846 6020B	6/25/19	6/27/19 11:39	MJH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway
Sample Description:
Work Order: 19F1123
Date Received: 6/20/2019
Field Sample #: MW-4
Sampled: 6/19/2019 13:50
Sample ID: 19F1123-04
Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	3.8	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
Acrylonitrile	ND	5.0	0.52	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.14	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
Bromobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
Bromochloromethane	ND	1.0	0.32	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
Bromoform	ND	1.0	0.46	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
Bromomethane	ND	2.0	0.78	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
tert-Butyl Alcohol (TBA)	ND	20	4.2	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
n-Butylbenzene	ND	1.0	0.21	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
sec-Butylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
tert-Butylbenzene	ND	1.0	0.17	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
Carbon Disulfide	ND	5.0	4.4	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
Carbon Tetrachloride	ND	5.0	0.11	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
Chlorobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
Chlorodibromomethane	ND	0.50	0.21	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
Chloroethane	ND	2.0	0.35	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
Chloroform	ND	2.0	0.17	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
Chloromethane	ND	2.0	0.45	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
2-Chlorotoluene	ND	1.0	0.12	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
4-Chlorotoluene	ND	1.0	0.14	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.53	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.19	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
Dibromomethane	ND	1.0	0.37	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
1,2-Dichlorobenzene	ND	1.0	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
1,3-Dichlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	0.31	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.26	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
1,1-Dichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
1,2-Dichloroethane	ND	1.0	0.41	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
1,1-Dichloroethylene	ND	1.0	0.32	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
cis-1,2-Dichloroethylene	ND	1.0	0.13	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.31	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
1,2-Dichloropropane	ND	1.0	0.20	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
1,3-Dichloropropane	ND	0.50	0.11	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
2,2-Dichloropropane	ND	1.0	0.20	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
1,1-Dichloropropene	ND	2.0	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
cis-1,3-Dichloropropene	ND	0.50	0.13	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
trans-1,3-Dichloropropene	ND	0.50	0.23	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
Diethyl Ether	ND	2.0	0.34	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway
Sample Description:
Work Order: 19F1123
Date Received: 6/20/2019
Field Sample #: MW-4
Sampled: 6/19/2019 13:50
Sample ID: 19F1123-04
Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	0.17	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
Ethylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
Hexachlorobutadiene	ND	0.60	0.47	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
2-Hexanone (MBK)	ND	10	1.5	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.17	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.20	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
Methyl Acetate	ND	1.0	0.42	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.25	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
Methyl Cyclohexane	ND	1.0	0.20	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
Methylene Chloride	ND	5.0	0.34	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.7	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
Naphthalene	ND	2.0	0.31	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
n-Propylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
Styrene	ND	1.0	0.11	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	0.27	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.22	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
Tetrachloroethylene	0.80	1.0	0.18	µg/L	1	J	SW-846 8260C	6/21/19	6/21/19 16:38	EEH
Tetrahydrofuran	ND	10	0.51	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
Toluene	ND	1.0	0.14	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.57	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.40	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
1,3,5-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
1,1,1-Trichloroethane	ND	1.0	0.20	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
1,1,2-Trichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
Trichloroethylene	1.7	1.0	0.24	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.33	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
1,2,3-Trichloropropane	ND	2.0	0.25	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.32	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
1,2,4-Trimethylbenzene	ND	1.0	0.18	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
1,3,5-Trimethylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
Vinyl Chloride	ND	2.0	0.45	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
m+p Xylene	ND	2.0	0.30	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH
o-Xylene	ND	1.0	0.17	µg/L	1		SW-846 8260C	6/21/19	6/21/19 16:38	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	101	70-130		6/21/19 16:38
Toluene-d8	98.6	70-130		6/21/19 16:38
4-Bromofluorobenzene	98.1	70-130		6/21/19 16:38

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway
Sample Description:
Work Order: 19F1123
Date Received: 6/20/2019
Field Sample #: MW-4
Sampled: 6/19/2019 13:50
Sample ID: 19F1123-04
Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	5.1	2.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
Acenaphthylene	ND	5.1	2.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
Acetophenone	ND	10	3.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
Aniline	ND	5.1	3.8	µg/L	1	V-34	SW-846 8270D	6/21/19	6/25/19 17:01	IMR
Anthracene	ND	5.1	2.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
Benzidine	ND	20	12	µg/L	1	R-05, V-04, V-05	SW-846 8270D	6/21/19	6/25/19 17:01	IMR
Benzo(a)anthracene	ND	5.1	2.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
Benzo(a)pyrene	ND	5.1	2.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
Benzo(b)fluoranthene	ND	5.1	2.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
Benzo(g,h,i)perylene	ND	5.1	3.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
Benzo(k)fluoranthene	ND	5.1	2.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
Benzoic Acid	ND	10	9.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
Bis(2-chloroethoxy)methane	ND	10	2.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
Bis(2-chloroethyl)ether	ND	10	3.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
Bis(2-chloroisopropyl)ether	ND	10	2.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
Bis(2-Ethylhexyl)phthalate	ND	10	1.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
4-Bromophenylphenylether	ND	10	3.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
Butylbenzylphthalate	ND	10	2.2	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
Carbazole	ND	10	2.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
4-Chloroaniline	ND	10	2.2	µg/L	1	V-34	SW-846 8270D	6/21/19	6/25/19 17:01	IMR
4-Chloro-3-methylphenol	ND	10	1.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
2-Chloronaphthalene	ND	10	2.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
2-Chlorophenol	ND	10	2.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
4-Chlorophenylphenylether	ND	10	2.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
Chrysene	ND	5.1	2.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
Dibenz(a,h)anthracene	ND	5.1	3.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
Dibenzofuran	ND	5.1	2.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
Di-n-butylphthalate	ND	10	2.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
1,2-Dichlorobenzene	ND	5.1	1.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
1,3-Dichlorobenzene	ND	5.1	1.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
1,4-Dichlorobenzene	ND	5.1	2.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
3,3-Dichlorobenzidine	ND	10	3.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
2,4-Dichlorophenol	ND	10	2.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
Diethylphthalate	ND	10	1.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
2,4-Dimethylphenol	ND	10	3.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
Dimethylphthalate	ND	10	1.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
4,6-Dinitro-2-methylphenol	ND	10	7.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
2,4-Dinitrophenol	ND	10	7.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
2,4-Dinitrotoluene	ND	10	1.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
2,6-Dinitrotoluene	ND	10	1.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
Di-n-octylphthalate	ND	10	3.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
1,2-Diphenylhydrazine/Azobenzene	ND	10	5.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
Fluoranthene	ND	5.1	2.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
Fluorene	ND	5.1	2.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway | Sample Description: | Work Order: 19F1123
Date Received: 6/20/2019
Field Sample #: MW-4 | Sampled: 6/19/2019 13:50
Sample ID: 19F1123-04
Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	10	3.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
Hexachlorobutadiene	ND	10	1.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
Hexachlorocyclopentadiene	ND	10	8.3	µg/L	1	UL-04, V-05	SW-846 8270D	6/21/19	6/25/19 17:01	IMR
Hexachloroethane	ND	10	1.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
Indeno(1,2,3-cd)pyrene	ND	5.1	3.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
Isophorone	ND	10	2.2	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
1-Methylnaphthalene	ND	5.1	3.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
2-Methylnaphthalene	ND	5.1	2.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
2-Methylphenol	ND	10	2.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
3/4-Methylphenol	ND	10	2.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
Naphthalene	ND	5.1	2.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
2-Nitroaniline	ND	10	3.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
3-Nitroaniline	ND	10	1.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
4-Nitroaniline	ND	10	1.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
Nitrobenzene	ND	10	2.2	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
2-Nitrophenol	ND	10	2.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
4-Nitrophenol	ND	10	3.8	µg/L	1	V-20	SW-846 8270D	6/21/19	6/25/19 17:01	IMR
N-Nitrosodimethylamine	ND	10	3.2	µg/L	1	V-20	SW-846 8270D	6/21/19	6/25/19 17:01	IMR
N-Nitrosodiphenylamine/Diphenylamine	ND	10	6.3	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
N-Nitrosodi-n-propylamine	ND	10	3.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
Pentachloronitrobenzene	ND	10	5.2	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
Pentachlorophenol	ND	10	8.2	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
Phenanthrene	ND	5.1	2.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
Phenol	ND	10	3.2	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
Pyrene	ND	5.1	3.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
Pyridine	ND	5.1	3.3	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
1,2,4,5-Tetrachlorobenzene	ND	10	2.2	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
1,2,4-Trichlorobenzene	ND	5.1	1.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
2,4,5-Trichlorophenol	ND	10	1.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR
2,4,6-Trichlorophenol	ND	10	2.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:01	IMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	39.0	15-110		6/25/19 17:01
Phenol-d6	28.5	15-110		6/25/19 17:01
Nitrobenzene-d5	69.8	30-130		6/25/19 17:01
2-Fluorobiphenyl	72.8	30-130		6/25/19 17:01
2,4,6-Tribromophenol	66.0	15-110		6/25/19 17:01
p-Terphenyl-d14	71.1	30-130		6/25/19 17:01

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway | Sample Description: | Work Order: 19F1123

Date Received: 6/20/2019

Field Sample #: MW-4 | Sampled: 6/19/2019 13:50

Sample ID: 19F1123-04

Sample Matrix: Ground Water

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.30	0.27	µg/L	1		SW-846 8082A	6/21/19	6/25/19 10:32	TG
Aroclor-1221 [1]	ND	0.30	0.24	µg/L	1		SW-846 8082A	6/21/19	6/25/19 10:32	TG
Aroclor-1232 [1]	ND	0.30	0.29	µg/L	1		SW-846 8082A	6/21/19	6/25/19 10:32	TG
Aroclor-1242 [1]	ND	0.30	0.26	µg/L	1		SW-846 8082A	6/21/19	6/25/19 10:32	TG
Aroclor-1248 [1]	ND	0.30	0.28	µg/L	1		SW-846 8082A	6/21/19	6/25/19 10:32	TG
Aroclor-1254 [1]	ND	0.30	0.16	µg/L	1		SW-846 8082A	6/21/19	6/25/19 10:32	TG
Aroclor-1260 [1]	ND	0.30	0.29	µg/L	1		SW-846 8082A	6/21/19	6/25/19 10:32	TG
Aroclor-1262 [1]	ND	0.30	0.20	µg/L	1		SW-846 8082A	6/21/19	6/25/19 10:32	TG
Aroclor-1268 [1]	ND	0.30	0.19	µg/L	1		SW-846 8082A	6/21/19	6/25/19 10:32	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	85.4	30-150		6/25/19 10:32
Decachlorobiphenyl [2]	89.6	30-150		6/25/19 10:32
Tetrachloro-m-xylene [1]	73.9	30-150		6/25/19 10:32
Tetrachloro-m-xylene [2]	81.0	30-150		6/25/19 10:32

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway | Sample Description: | Work Order: 19F1123

Date Received: 6/20/2019

Field Sample #: MW-4 | Sampled: 6/19/2019 13:50

Sample ID: 19F1123-04

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	0.80	0.64	µg/L	1		SW-846 6020B	6/25/19	6/27/19 11:41	MJH
Barium	33	10	0.88	µg/L	1		SW-846 6020B	6/25/19	6/27/19 11:41	MJH
Cadmium	0.22	0.20	0.038	µg/L	1		SW-846 6020B	6/25/19	6/27/19 11:41	MJH
Chromium	0.69	1.0	0.24	µg/L	1	J B, J	SW-846 6020B	6/25/19	6/27/19 11:41	MJH
Lead	0.31	0.50	0.085	µg/L	1	J	SW-846 6020B	6/25/19	6/27/19 11:41	MJH
Mercury	ND	0.00010	0.000034	mg/L	1		SW-846 7470A	6/26/19	6/26/19 15:35	AJL
Selenium	14	5.0	1.6	µg/L	1		SW-846 6020B	6/25/19	6/27/19 11:41	MJH
Silver	ND	0.20	0.18	µg/L	1		SW-846 6020B	6/25/19	6/27/19 11:41	MJH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway | Sample Description: | Work Order: 19F1123
Date Received: 6/20/2019
Field Sample #: MW-5 | Sampled: 6/18/2019 14:50
Sample ID: 19F1123-05
Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	3.8	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
Acrylonitrile	ND	5.0	0.52	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.14	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
Bromobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
Bromochloromethane	ND	1.0	0.32	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
Bromoform	ND	1.0	0.46	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
Bromomethane	ND	2.0	0.78	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
tert-Butyl Alcohol (TBA)	ND	20	4.2	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
n-Butylbenzene	ND	1.0	0.21	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
sec-Butylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
tert-Butylbenzene	ND	1.0	0.17	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
Carbon Disulfide	ND	5.0	4.4	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
Carbon Tetrachloride	ND	5.0	0.11	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
Chlorobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
Chlorodibromomethane	ND	0.50	0.21	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
Chloroethane	ND	2.0	0.35	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
Chloroform	0.33	2.0	0.17	µg/L	1	J	SW-846 8260C	6/21/19	6/21/19 17:04	EEH
Chloromethane	ND	2.0	0.45	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
2-Chlorotoluene	ND	1.0	0.12	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
4-Chlorotoluene	ND	1.0	0.14	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.53	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.19	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
Dibromomethane	ND	1.0	0.37	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
1,2-Dichlorobenzene	ND	1.0	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
1,3-Dichlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	0.31	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.26	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
1,1-Dichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
1,2-Dichloroethane	ND	1.0	0.41	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
1,1-Dichloroethylene	ND	1.0	0.32	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
cis-1,2-Dichloroethylene	ND	1.0	0.13	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.31	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
1,2-Dichloropropane	ND	1.0	0.20	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
1,3-Dichloropropane	ND	0.50	0.11	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
2,2-Dichloropropane	ND	1.0	0.20	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
1,1-Dichloropropene	ND	2.0	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
cis-1,3-Dichloropropene	ND	0.50	0.13	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
trans-1,3-Dichloropropene	ND	0.50	0.23	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
Diethyl Ether	ND	2.0	0.34	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway
Sample Description:
Work Order: 19F1123
Date Received: 6/20/2019
Field Sample #: MW-5
Sampled: 6/18/2019 14:50
Sample ID: 19F1123-05
Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	0.17	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
Ethylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
Hexachlorobutadiene	ND	0.60	0.47	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
2-Hexanone (MBK)	ND	10	1.5	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.17	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.20	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
Methyl Acetate	ND	1.0	0.42	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.25	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
Methyl Cyclohexane	ND	1.0	0.20	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
Methylene Chloride	ND	5.0	0.34	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.7	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
Naphthalene	ND	2.0	0.31	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
n-Propylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
Styrene	ND	1.0	0.11	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	0.27	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.22	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
Tetrachloroethylene	12	1.0	0.18	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
Tetrahydrofuran	ND	10	0.51	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
Toluene	ND	1.0	0.14	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.57	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.40	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
1,3,5-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
1,1,1-Trichloroethane	ND	1.0	0.20	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
1,1,2-Trichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
Trichloroethylene	0.83	1.0	0.24	µg/L	1	J	SW-846 8260C	6/21/19	6/21/19 17:04	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.33	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
1,2,3-Trichloropropane	ND	2.0	0.25	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.32	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
1,2,4-Trimethylbenzene	ND	1.0	0.18	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
1,3,5-Trimethylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
Vinyl Chloride	ND	2.0	0.45	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
m+p Xylene	ND	2.0	0.30	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH
o-Xylene	ND	1.0	0.17	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:04	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	101	70-130		6/21/19 17:04
Toluene-d8	98.6	70-130		6/21/19 17:04
4-Bromofluorobenzene	97.4	70-130		6/21/19 17:04

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway
Sample Description:
Work Order: 19F1123
Date Received: 6/20/2019
Field Sample #: MW-5
Sampled: 6/18/2019 14:50
Sample ID: 19F1123-05
Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	4.7	2.3	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
Acenaphthylene	ND	4.7	2.3	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
Acetophenone	ND	9.5	2.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
Aniline	ND	4.7	3.5	µg/L	1	V-34	SW-846 8270D	6/21/19	6/25/19 17:26	IMR
Anthracene	ND	4.7	2.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
Benzidine	ND	19	11	µg/L	1	R-05, V-04, V-05	SW-846 8270D	6/21/19	6/25/19 17:26	IMR
Benzo(a)anthracene	ND	4.7	2.2	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
Benzo(a)pyrene	ND	4.7	2.3	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
Benzo(b)fluoranthene	ND	4.7	2.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
Benzo(g,h,i)perylene	ND	4.7	3.2	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
Benzo(k)fluoranthene	ND	4.7	2.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
Benzoic Acid	ND	9.5	8.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
Bis(2-chloroethoxy)methane	ND	9.5	2.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
Bis(2-chloroethyl)ether	ND	9.5	2.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
Bis(2-chloroisopropyl)ether	ND	9.5	2.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
Bis(2-Ethylhexyl)phthalate	ND	9.5	1.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
4-Bromophenylphenylether	ND	9.5	3.2	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
Butylbenzylphthalate	ND	9.5	2.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
Carbazole	ND	9.5	2.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
4-Chloroaniline	ND	9.5	2.1	µg/L	1	V-34	SW-846 8270D	6/21/19	6/25/19 17:26	IMR
4-Chloro-3-methylphenol	ND	9.5	1.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
2-Chloronaphthalene	ND	9.5	2.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
2-Chlorophenol	ND	9.5	2.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
4-Chlorophenylphenylether	ND	9.5	2.3	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
Chrysene	ND	4.7	2.3	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
Dibenz(a,h)anthracene	ND	4.7	2.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
Dibenzofuran	ND	4.7	2.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
Di-n-butylphthalate	ND	9.5	2.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
1,2-Dichlorobenzene	ND	4.7	1.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
1,3-Dichlorobenzene	ND	4.7	1.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
1,4-Dichlorobenzene	ND	4.7	2.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
3,3-Dichlorobenzidine	ND	9.5	3.3	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
2,4-Dichlorophenol	ND	9.5	1.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
Diethylphthalate	ND	9.5	1.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
2,4-Dimethylphenol	ND	9.5	3.3	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
Dimethylphthalate	ND	9.5	1.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
4,6-Dinitro-2-methylphenol	ND	9.5	7.3	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
2,4-Dinitrophenol	ND	9.5	7.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
2,4-Dinitrotoluene	ND	9.5	1.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
2,6-Dinitrotoluene	ND	9.5	1.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
Di-n-octylphthalate	ND	9.5	2.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
1,2-Diphenylhydrazine/Azobenzene	ND	9.5	5.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
Fluoranthene	ND	4.7	2.2	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
Fluorene	ND	4.7	2.3	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway | Sample Description: | Work Order: 19F1123

Date Received: 6/20/2019

Field Sample #: MW-5 | Sampled: 6/18/2019 14:50

Sample ID: 19F1123-05

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	9.5	2.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
Hexachlorobutadiene	ND	9.5	1.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
Hexachlorocyclopentadiene	ND	9.5	7.7	µg/L	1	UJ L-04, V-05	SW-846 8270D	6/21/19	6/25/19 17:26	IMR
Hexachloroethane	ND	9.5	1.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
Indeno(1,2,3-cd)pyrene	ND	4.7	3.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
Isophorone	ND	9.5	2.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
1-Methylnaphthalene	ND	4.7	2.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
2-Methylnaphthalene	ND	4.7	2.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
2-Methylphenol	ND	9.5	2.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
3/4-Methylphenol	ND	9.5	2.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
Naphthalene	ND	4.7	2.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
2-Nitroaniline	ND	9.5	3.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
3-Nitroaniline	ND	9.5	1.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
4-Nitroaniline	ND	9.5	1.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
Nitrobenzene	ND	9.5	2.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
2-Nitrophenol	ND	9.5	1.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
4-Nitrophenol	ND	9.5	3.6	µg/L	1	V-20	SW-846 8270D	6/21/19	6/25/19 17:26	IMR
N-Nitrosodimethylamine	ND	9.5	3.0	µg/L	1	V-20	SW-846 8270D	6/21/19	6/25/19 17:26	IMR
N-Nitrosodiphenylamine/Diphenylamine	ND	9.5	5.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
N-Nitrosodi-n-propylamine	ND	9.5	2.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
Pentachloronitrobenzene	ND	9.5	4.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
Pentachlorophenol	ND	9.5	7.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
Phenanthrene	ND	4.7	2.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
Phenol	ND	9.5	2.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
Pyrene	ND	4.7	3.3	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
Pyridine	ND	4.7	3.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
1,2,4,5-Tetrachlorobenzene	ND	9.5	2.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
1,2,4-Trichlorobenzene	ND	4.7	1.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
2,4,5-Trichlorophenol	ND	9.5	1.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR
2,4,6-Trichlorophenol	ND	9.5	1.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:26	IMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	35.9	15-110		6/25/19 17:26
Phenol-d6	25.6	15-110		6/25/19 17:26
Nitrobenzene-d5	60.6	30-130		6/25/19 17:26
2-Fluorobiphenyl	64.9	30-130		6/25/19 17:26
2,4,6-Tribromophenol	59.8	15-110		6/25/19 17:26
p-Terphenyl-d14	69.7	30-130		6/25/19 17:26

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway
Sample Description:
Work Order: 19F1123

Date Received: 6/20/2019

Field Sample #: MW-5
Sampled: 6/18/2019 14:50

Sample ID: 19F1123-05

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	0.74	0.80	0.64	µg/L	1	J	SW-846 6020B	6/25/19	6/27/19 11:44	MJH
Barium	81	10	0.88	µg/L	1		SW-846 6020B	6/25/19	6/27/19 11:44	MJH
Cadmium	0.060	0.20	0.038	µg/L	1	J	SW-846 6020B	6/25/19	6/27/19 11:44	MJH
Chromium	0.89	1.0	0.24	µg/L	1	B, J	SW-846 6020B	6/25/19	6/27/19 11:44	MJH
Lead	0.87	0.50	0.085	µg/L	1		SW-846 6020B	6/25/19	6/27/19 11:44	MJH
Mercury	ND	0.00010	0.000034	mg/L	1		SW-846 7470A	6/26/19	6/26/19 15:37	AJL
Selenium	6.6	5.0	1.6	µg/L	1		SW-846 6020B	6/25/19	6/27/19 11:44	MJH
Silver	ND	0.20	0.18	µg/L	1		SW-846 6020B	6/25/19	6/27/19 11:44	MJH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway | Sample Description: | Work Order: 19F1123

Date Received: 6/20/2019

Field Sample #: MW-6 | Sampled: 6/18/2019 14:55

Sample ID: 19F1123-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	3.8	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
Acrylonitrile	ND	5.0	0.52	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.14	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
Bromobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
Bromochloromethane	ND	1.0	0.32	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
Bromoform	ND	1.0	0.46	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
Bromomethane	ND	2.0	0.78	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
tert-Butyl Alcohol (TBA)	ND	20	4.2	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
n-Butylbenzene	ND	1.0	0.21	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
sec-Butylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
tert-Butylbenzene	ND	1.0	0.17	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
Carbon Disulfide	ND	5.0	4.4	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
Carbon Tetrachloride	ND	5.0	0.11	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
Chlorobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
Chlorodibromomethane	ND	0.50	0.21	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
Chloroethane	ND	2.0	0.35	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
Chloroform	ND	2.0	0.17	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
Chloromethane	ND	2.0	0.45	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
2-Chlorotoluene	ND	1.0	0.12	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
4-Chlorotoluene	ND	1.0	0.14	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.53	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.19	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
Dibromomethane	ND	1.0	0.37	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
1,2-Dichlorobenzene	ND	1.0	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
1,3-Dichlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	0.31	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.26	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
1,1-Dichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
1,2-Dichloroethane	ND	1.0	0.41	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
1,1-Dichloroethylene	ND	1.0	0.32	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
cis-1,2-Dichloroethylene	ND	1.0	0.13	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.31	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
1,2-Dichloropropane	ND	1.0	0.20	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
1,3-Dichloropropane	ND	0.50	0.11	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
2,2-Dichloropropane	ND	1.0	0.20	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
1,1-Dichloropropene	ND	2.0	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
cis-1,3-Dichloropropene	ND	0.50	0.13	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
trans-1,3-Dichloropropene	ND	0.50	0.23	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
Diethyl Ether	ND	2.0	0.34	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway | Sample Description: | Work Order: 19F1123

Date Received: 6/20/2019

Field Sample #: MW-6 | Sampled: 6/18/2019 14:55

Sample ID: 19F1123-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	0.17	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
Ethylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
Hexachlorobutadiene	ND	0.60	0.47	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
2-Hexanone (MBK)	ND	10	1.5	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.17	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.20	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
Methyl Acetate	ND	1.0	0.42	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.25	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
Methyl Cyclohexane	ND	1.0	0.20	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
Methylene Chloride	ND	5.0	0.34	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.7	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
Naphthalene	ND	2.0	0.31	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
n-Propylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
Styrene	ND	1.0	0.11	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	0.27	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.22	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
Tetrachloroethylene	14	1.0	0.18	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
Tetrahydrofuran	ND	10	0.51	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
Toluene	ND	1.0	0.14	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.57	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.40	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
1,3,5-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
1,1,1-Trichloroethane	ND	1.0	0.20	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
1,1,2-Trichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
Trichloroethylene	12	1.0	0.24	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.33	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
1,2,3-Trichloropropane	ND	2.0	0.25	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.32	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
1,2,4-Trimethylbenzene	ND	1.0	0.18	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
1,3,5-Trimethylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
Vinyl Chloride	ND	2.0	0.45	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
m+p Xylene	ND	2.0	0.30	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH
o-Xylene	ND	1.0	0.17	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:31	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	104	70-130		6/21/19 17:31
Toluene-d8	98.3	70-130		6/21/19 17:31
4-Bromofluorobenzene	97.7	70-130		6/21/19 17:31

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway | Sample Description: | Work Order: 19F1123
Date Received: 6/20/2019
Field Sample #: MW-6 | Sampled: 6/18/2019 14:55
Sample ID: 19F1123-06
Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	5.1	2.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
Acenaphthylene	ND	5.1	2.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
Acetophenone	ND	10	3.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
Aniline	ND	5.1	3.8	µg/L	1	V-34	SW-846 8270D	6/21/19	6/25/19 17:52	IMR
Anthracene	ND	5.1	2.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
Benzidine	ND	21	12	µg/L	1	R-05, V-04, V-05	SW-846 8270D	6/21/19	6/25/19 17:52	IMR
Benzo(a)anthracene	ND	5.1	2.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
Benzo(a)pyrene	ND	5.1	2.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
Benzo(b)fluoranthene	ND	5.1	2.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
Benzo(g,h,i)perylene	ND	5.1	3.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
Benzo(k)fluoranthene	ND	5.1	2.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
Benzoic Acid	ND	10	9.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
Bis(2-chloroethoxy)methane	ND	10	2.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
Bis(2-chloroethyl)ether	ND	10	3.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
Bis(2-chloroisopropyl)ether	ND	10	2.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
Bis(2-Ethylhexyl)phthalate	ND	10	1.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
4-Bromophenylphenylether	ND	10	3.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
Butylbenzylphthalate	ND	10	2.3	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
Carbazole	ND	10	2.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
4-Chloroaniline	ND	10	2.2	µg/L	1	V-34	SW-846 8270D	6/21/19	6/25/19 17:52	IMR
4-Chloro-3-methylphenol	ND	10	1.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
2-Chloronaphthalene	ND	10	2.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
2-Chlorophenol	ND	10	2.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
4-Chlorophenylphenylether	ND	10	2.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
Chrysene	ND	5.1	2.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
Dibenz(a,h)anthracene	ND	5.1	3.2	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
Dibenzofuran	ND	5.1	2.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
Di-n-butylphthalate	ND	10	2.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
1,2-Dichlorobenzene	ND	5.1	1.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
1,3-Dichlorobenzene	ND	5.1	1.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
1,4-Dichlorobenzene	ND	5.1	2.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
3,3-Dichlorobenzidine	ND	10	3.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
2,4-Dichlorophenol	ND	10	2.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
Diethylphthalate	ND	10	1.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
2,4-Dimethylphenol	ND	10	3.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
Dimethylphthalate	ND	10	1.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
4,6-Dinitro-2-methylphenol	ND	10	7.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
2,4-Dinitrophenol	ND	10	8.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
2,4-Dinitrotoluene	ND	10	1.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
2,6-Dinitrotoluene	ND	10	1.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
Di-n-octylphthalate	ND	10	3.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
1,2-Diphenylhydrazine/Azobenzene	ND	10	5.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
Fluoranthene	ND	5.1	2.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
Fluorene	ND	5.1	2.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway | Sample Description: | Work Order: 19F1123
Date Received: 6/20/2019
Field Sample #: MW-6 | Sampled: 6/18/2019 14:55
Sample ID: 19F1123-06
Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	10	3.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
Hexachlorobutadiene	ND	10	1.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
Hexachlorocyclopentadiene	ND	10	8.4	µg/L	1	UJ L-04, V-05	SW-846 8270D	6/21/19	6/25/19 17:52	IMR
Hexachloroethane	ND	10	1.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
Indeno(1,2,3-cd)pyrene	ND	5.1	3.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
Isophorone	ND	10	2.2	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
1-Methylnaphthalene	ND	5.1	3.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
2-Methylnaphthalene	ND	5.1	2.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
2-Methylphenol	ND	10	2.2	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
3/4-Methylphenol	ND	10	2.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
Naphthalene	ND	5.1	2.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
2-Nitroaniline	ND	10	3.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
3-Nitroaniline	ND	10	1.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
4-Nitroaniline	ND	10	1.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
Nitrobenzene	ND	10	2.2	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
2-Nitrophenol	ND	10	2.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
4-Nitrophenol	ND	10	3.9	µg/L	1	V-20	SW-846 8270D	6/21/19	6/25/19 17:52	IMR
N-Nitrosodimethylamine	ND	10	3.3	µg/L	1	V-20	SW-846 8270D	6/21/19	6/25/19 17:52	IMR
N-Nitrosodiphenylamine/Diphenylamine	ND	10	6.3	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
N-Nitrosodi-n-propylamine	ND	10	3.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
Pentachloronitrobenzene	ND	10	5.2	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
Pentachlorophenol	ND	10	8.3	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
Phenanthrene	ND	5.1	2.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
Phenol	ND	10	3.2	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
Pyrene	ND	5.1	3.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
Pyridine	ND	5.1	3.3	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
1,2,4,5-Tetrachlorobenzene	ND	10	2.2	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
1,2,4-Trichlorobenzene	ND	5.1	1.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
2,4,5-Trichlorophenol	ND	10	1.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR
2,4,6-Trichlorophenol	ND	10	2.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 17:52	IMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	39.5	15-110		6/25/19 17:52
Phenol-d6	29.5	15-110		6/25/19 17:52
Nitrobenzene-d5	66.9	30-130		6/25/19 17:52
2-Fluorobiphenyl	69.1	30-130		6/25/19 17:52
2,4,6-Tribromophenol	62.3	15-110		6/25/19 17:52
p-Terphenyl-d14	71.9	30-130		6/25/19 17:52

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway | Sample Description: | Work Order: 19F1123

Date Received: 6/20/2019

Field Sample #: MW-6 | Sampled: 6/18/2019 14:55

Sample ID: 19F1123-06

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	0.80	0.64	µg/L	1		SW-846 6020B	6/25/19	6/27/19 11:47	MJH
Barium	59	10	0.88	µg/L	1		SW-846 6020B	6/25/19	6/27/19 11:47	MJH
Cadmium	0.092	0.20	0.038	µg/L	1	J	SW-846 6020B	6/25/19	6/27/19 11:47	MJH
Chromium	0.96	1.0	0.24	µg/L	1	B, J	SW-846 6020B	6/25/19	6/27/19 11:47	MJH
Lead	0.98	0.50	0.085	µg/L	1		SW-846 6020B	6/25/19	6/27/19 11:47	MJH
Mercury	ND	0.00010	0.000034	mg/L	1		SW-846 7470A	6/26/19	6/26/19 15:38	AJL
Selenium	2.3	5.0	1.6	µg/L	1	J	SW-846 6020B	6/25/19	6/27/19 11:47	MJH
Silver	ND	0.20	0.18	µg/L	1		SW-846 6020B	6/25/19	6/27/19 11:47	MJH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway | Sample Description: | Work Order: 19F1123

Date Received: 6/20/2019

Field Sample #: DUP | Sampled: 6/19/2019 00:00

Sample ID: 19F1123-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	3.8	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
Acrylonitrile	ND	5.0	0.52	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.14	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
Bromobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
Bromochloromethane	ND	1.0	0.32	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
Bromoform	ND	1.0	0.46	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
Bromomethane	ND	2.0	0.78	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
tert-Butyl Alcohol (TBA)	ND	20	4.2	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
n-Butylbenzene	ND	1.0	0.21	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
sec-Butylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
tert-Butylbenzene	ND	1.0	0.17	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
Carbon Disulfide	ND	5.0	4.4	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
Carbon Tetrachloride	ND	5.0	0.11	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
Chlorobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
Chlorodibromomethane	ND	0.50	0.21	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
Chloroethane	ND	2.0	0.35	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
Chloroform	ND	2.0	0.17	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
Chloromethane	ND	2.0	0.45	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
2-Chlorotoluene	ND	1.0	0.12	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
4-Chlorotoluene	ND	1.0	0.14	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.53	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.19	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
Dibromomethane	ND	1.0	0.37	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
1,2-Dichlorobenzene	ND	1.0	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
1,3-Dichlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	0.31	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.26	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
1,1-Dichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
1,2-Dichloroethane	ND	1.0	0.41	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
1,1-Dichloroethylene	ND	1.0	0.32	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
cis-1,2-Dichloroethylene	ND	1.0	0.13	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.31	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
1,2-Dichloropropane	ND	1.0	0.20	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
1,3-Dichloropropane	ND	0.50	0.11	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
2,2-Dichloropropane	ND	1.0	0.20	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
1,1-Dichloropropene	ND	2.0	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
cis-1,3-Dichloropropene	ND	0.50	0.13	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
trans-1,3-Dichloropropene	ND	0.50	0.23	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
Diethyl Ether	ND	2.0	0.34	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway | Sample Description: | Work Order: 19F1123

Date Received: 6/20/2019

Field Sample #: DUP | Sampled: 6/19/2019 00:00

Sample ID: 19F1123-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	0.17	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
Ethylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
Hexachlorobutadiene	ND	0.60	0.47	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
2-Hexanone (MBK)	ND	10	1.5	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.17	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.20	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
Methyl Acetate	ND	1.0	0.42	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.25	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
Methyl Cyclohexane	ND	1.0	0.20	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
Methylene Chloride	ND	5.0	0.34	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.7	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
Naphthalene	ND	2.0	0.31	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
n-Propylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
Styrene	ND	1.0	0.11	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	0.27	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.22	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
Tetrachloroethylene	0.69	1.0	0.18	µg/L	1	J	SW-846 8260C	6/21/19	6/21/19 17:57	EEH
Tetrahydrofuran	ND	10	0.51	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
Toluene	ND	1.0	0.14	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.57	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.40	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
1,3,5-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
1,1,1-Trichloroethane	ND	1.0	0.20	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
1,1,2-Trichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
Trichloroethylene	1.5	1.0	0.24	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.33	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
1,2,3-Trichloropropane	ND	2.0	0.25	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.32	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
1,2,4-Trimethylbenzene	ND	1.0	0.18	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
1,3,5-Trimethylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
Vinyl Chloride	ND	2.0	0.45	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
m+p Xylene	ND	2.0	0.30	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH
o-Xylene	ND	1.0	0.17	µg/L	1		SW-846 8260C	6/21/19	6/21/19 17:57	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	101	70-130		6/21/19 17:57
Toluene-d8	97.2	70-130		6/21/19 17:57
4-Bromofluorobenzene	97.0	70-130		6/21/19 17:57

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway
Sample Description:
Work Order: 19F1123
Date Received: 6/20/2019
Field Sample #: DUP
Sampled: 6/19/2019 00:00
Sample ID: 19F1123-07
Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	5.0	2.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
Acenaphthylene	ND	5.0	2.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
Acetophenone	ND	10	3.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
Aniline	ND	5.0	3.7	µg/L	1	V-34	SW-846 8270D	6/21/19	6/25/19 18:18	IMR
Anthracene	ND	5.0	2.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
Benzidine	ND	20	12	µg/L	1	R-05, V-04, V-05	SW-846 8270D	6/21/19	6/25/19 18:18	IMR
Benzo(a)anthracene	ND	5.0	2.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
Benzo(a)pyrene	ND	5.0	2.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
Benzo(b)fluoranthene	ND	5.0	2.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
Benzo(g,h,i)perylene	ND	5.0	3.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
Benzo(k)fluoranthene	ND	5.0	2.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
Benzoic Acid	ND	10	8.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
Bis(2-chloroethoxy)methane	ND	10	2.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
Bis(2-chloroethyl)ether	ND	10	3.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
Bis(2-chloroisopropyl)ether	ND	10	2.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
Bis(2-Ethylhexyl)phthalate	ND	10	1.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
4-Bromophenylphenylether	ND	10	3.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
Butylbenzylphthalate	ND	10	2.2	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
Carbazole	ND	10	2.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
4-Chloroaniline	ND	10	2.2	µg/L	1	V-34	SW-846 8270D	6/21/19	6/25/19 18:18	IMR
4-Chloro-3-methylphenol	ND	10	1.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
2-Chloronaphthalene	ND	10	2.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
2-Chlorophenol	ND	10	2.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
4-Chlorophenylphenylether	ND	10	2.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
Chrysene	ND	5.0	2.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
Dibenz(a,h)anthracene	ND	5.0	3.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
Dibenzofuran	ND	5.0	2.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
Di-n-butylphthalate	ND	10	2.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
1,2-Dichlorobenzene	ND	5.0	1.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
1,3-Dichlorobenzene	ND	5.0	1.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
1,4-Dichlorobenzene	ND	5.0	2.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
3,3-Dichlorobenzidine	ND	10	3.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
2,4-Dichlorophenol	ND	10	2.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
Diethylphthalate	ND	10	1.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
2,4-Dimethylphenol	ND	10	3.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
Dimethylphthalate	ND	10	1.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
4,6-Dinitro-2-methylphenol	ND	10	7.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
2,4-Dinitrophenol	ND	10	7.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
2,4-Dinitrotoluene	ND	10	1.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
2,6-Dinitrotoluene	ND	10	1.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
Di-n-octylphthalate	ND	10	2.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
1,2-Diphenylhydrazine/Azobenzene	ND	10	5.3	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
Fluoranthene	ND	5.0	2.4	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
Fluorene	ND	5.0	2.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway | Sample Description: | Work Order: 19F1123
Date Received: 6/20/2019
Field Sample #: DUP | Sampled: 6/19/2019 00:00
Sample ID: 19F1123-07
Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	10	3.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
Hexachlorobutadiene	ND	10	1.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
Hexachlorocyclopentadiene	ND	10	8.2	µg/L	1	UJ L-04, V-05	SW-846 8270D	6/21/19	6/25/19 18:18	IMR
Hexachloroethane	ND	10	1.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
Indeno(1,2,3-cd)pyrene	ND	5.0	3.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
Isophorone	ND	10	2.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
1-Methylnaphthalene	ND	5.0	3.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
2-Methylnaphthalene	ND	5.0	2.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
2-Methylphenol	ND	10	2.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
3/4-Methylphenol	ND	10	2.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
Naphthalene	ND	5.0	2.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
2-Nitroaniline	ND	10	3.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
3-Nitroaniline	ND	10	1.6	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
4-Nitroaniline	ND	10	1.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
Nitrobenzene	ND	10	2.2	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
2-Nitrophenol	ND	10	2.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
4-Nitrophenol	ND	10	3.8	µg/L	1	V-20	SW-846 8270D	6/21/19	6/25/19 18:18	IMR
N-Nitrosodimethylamine	ND	10	3.2	µg/L	1	V-20	SW-846 8270D	6/21/19	6/25/19 18:18	IMR
N-Nitrosodiphenylamine/Diphenylamine	ND	10	6.2	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
N-Nitrosodi-n-propylamine	ND	10	3.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
Pentachloronitrobenzene	ND	10	5.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
Pentachlorophenol	ND	10	8.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
Phenanthrene	ND	5.0	2.7	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
Phenol	ND	10	3.1	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
Pyrene	ND	5.0	3.5	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
Pyridine	ND	5.0	3.2	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
1,2,4,5-Tetrachlorobenzene	ND	10	2.2	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
1,2,4-Trichlorobenzene	ND	5.0	1.9	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
2,4,5-Trichlorophenol	ND	10	1.8	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR
2,4,6-Trichlorophenol	ND	10	2.0	µg/L	1		SW-846 8270D	6/21/19	6/25/19 18:18	IMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	39.0	15-110		6/25/19 18:18
Phenol-d6	28.9	15-110		6/25/19 18:18
Nitrobenzene-d5	68.6	30-130		6/25/19 18:18
2-Fluorobiphenyl	70.5	30-130		6/25/19 18:18
2,4,6-Tribromophenol	63.2	15-110		6/25/19 18:18
p-Terphenyl-d14	72.9	30-130		6/25/19 18:18

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway | Sample Description: | Work Order: 19F1123

Date Received: 6/20/2019

Field Sample #: DUP | Sampled: 6/19/2019 00:00

Sample ID: 19F1123-07

Sample Matrix: Ground Water

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.30	0.27	µg/L	1		SW-846 8082A	6/21/19	6/25/19 10:45	TG
Aroclor-1221 [1]	ND	0.30	0.24	µg/L	1		SW-846 8082A	6/21/19	6/25/19 10:45	TG
Aroclor-1232 [1]	ND	0.30	0.29	µg/L	1		SW-846 8082A	6/21/19	6/25/19 10:45	TG
Aroclor-1242 [1]	ND	0.30	0.26	µg/L	1		SW-846 8082A	6/21/19	6/25/19 10:45	TG
Aroclor-1248 [1]	ND	0.30	0.28	µg/L	1		SW-846 8082A	6/21/19	6/25/19 10:45	TG
Aroclor-1254 [1]	ND	0.30	0.16	µg/L	1		SW-846 8082A	6/21/19	6/25/19 10:45	TG
Aroclor-1260 [1]	ND	0.30	0.29	µg/L	1		SW-846 8082A	6/21/19	6/25/19 10:45	TG
Aroclor-1262 [1]	ND	0.30	0.20	µg/L	1		SW-846 8082A	6/21/19	6/25/19 10:45	TG
Aroclor-1268 [1]	ND	0.30	0.19	µg/L	1		SW-846 8082A	6/21/19	6/25/19 10:45	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	82.4	30-150		6/25/19 10:45
Decachlorobiphenyl [2]	86.9	30-150		6/25/19 10:45
Tetrachloro-m-xylene [1]	73.9	30-150		6/25/19 10:45
Tetrachloro-m-xylene [2]	80.4	30-150		6/25/19 10:45

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway
Sample Description:
Work Order: 19F1123

Date Received: 6/20/2019

Field Sample #: DUP
Sampled: 6/19/2019 00:00

Sample ID: 19F1123-07

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	0.80	0.64	µg/L	1		SW-846 6020B	6/25/19	6/28/19 10:04	QNW
Barium	35	10	0.88	µg/L	1		SW-846 6020B	6/25/19	6/28/19 10:04	QNW
Cadmium	0.25	0.20	0.038	µg/L	1		SW-846 6020B	6/25/19	6/28/19 10:04	QNW
Chromium	0.91	1.0	0.24	µg/L	1	B, J	SW-846 6020B	6/25/19	6/28/19 10:04	QNW
Lead	0.35	0.50	0.085	µg/L	1	J J	SW-846 6020B	6/25/19	6/28/19 10:04	QNW
Mercury	ND	0.00010	0.000034	mg/L	1		SW-846 7470A	6/26/19	6/26/19 15:44	AJL
Selenium	15	5.0	1.6	µg/L	1		SW-846 6020B	6/25/19	6/28/19 10:04	QNW
Silver	ND	0.20	0.18	µg/L	1		SW-846 6020B	6/25/19	6/28/19 10:04	QNW

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 615 Broadway | Sample Description: | Work Order: 19F1123

Date Received: 6/20/2019

Field Sample #: Trip Blank | Sampled: 6/19/2019 00:00

Sample ID: 19F1123-08

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	3.8	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
Acrylonitrile	ND	5.0	0.52	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.14	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
Bromobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
Bromochloromethane	ND	1.0	0.32	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
Bromoform	ND	1.0	0.46	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
Bromomethane	ND	2.0	0.78	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
tert-Butyl Alcohol (TBA)	ND	20	4.2	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
n-Butylbenzene	ND	1.0	0.21	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
sec-Butylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
tert-Butylbenzene	ND	1.0	0.17	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
Carbon Disulfide	ND	5.0	4.4	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
Carbon Tetrachloride	ND	5.0	0.11	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
Chlorobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
Chlorodibromomethane	ND	0.50	0.21	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
Chloroethane	ND	2.0	0.35	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
Chloroform	ND	2.0	0.17	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
Chloromethane	ND	2.0	0.45	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
2-Chlorotoluene	ND	1.0	0.12	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
4-Chlorotoluene	ND	1.0	0.14	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.53	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.19	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
Dibromomethane	ND	1.0	0.37	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
1,2-Dichlorobenzene	ND	1.0	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
1,3-Dichlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	0.31	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.26	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
1,1-Dichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
1,2-Dichloroethane	ND	1.0	0.41	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
1,1-Dichloroethylene	ND	1.0	0.32	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
cis-1,2-Dichloroethylene	ND	1.0	0.13	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.31	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
1,2-Dichloropropane	ND	1.0	0.20	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
1,3-Dichloropropane	ND	0.50	0.11	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
2,2-Dichloropropane	ND	1.0	0.20	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
1,1-Dichloropropene	ND	2.0	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
cis-1,3-Dichloropropene	ND	0.50	0.13	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
trans-1,3-Dichloropropene	ND	0.50	0.23	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
Diethyl Ether	ND	2.0	0.34	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH

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Project Location: 615 Broadway
Sample Description:
Work Order: 19F1123
Date Received: 6/20/2019
Field Sample #: Trip Blank
Sampled: 6/19/2019 00:00
Sample ID: 19F1123-08
Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	0.17	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
Ethylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
Hexachlorobutadiene	ND	0.60	0.47	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
2-Hexanone (MBK)	ND	10	1.5	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.17	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.20	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
Methyl Acetate	ND	1.0	0.42	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.25	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
Methyl Cyclohexane	ND	1.0	0.20	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
Methylene Chloride	ND	5.0	0.34	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.7	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
Naphthalene	ND	2.0	0.31	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
n-Propylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
Styrene	ND	1.0	0.11	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	0.27	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.22	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
Tetrachloroethylene	ND	1.0	0.18	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
Tetrahydrofuran	ND	10	0.51	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
Toluene	ND	1.0	0.14	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.57	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.40	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
1,3,5-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
1,1,1-Trichloroethane	ND	1.0	0.20	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
1,1,2-Trichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
Trichloroethylene	ND	1.0	0.24	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.33	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
1,2,3-Trichloropropane	ND	2.0	0.25	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.32	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
1,2,4-Trimethylbenzene	ND	1.0	0.18	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
1,3,5-Trimethylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
Vinyl Chloride	ND	2.0	0.45	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
m+p Xylene	ND	2.0	0.30	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH
o-Xylene	ND	1.0	0.17	µg/L	1		SW-846 8260C	6/21/19	6/21/19 12:14	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	101	70-130		6/21/19 12:14
Toluene-d8	97.5	70-130		6/21/19 12:14
4-Bromofluorobenzene	101	70-130		6/21/19 12:14

APPENDIX G

Data Usability Summary Reports (DUSRs) – November 2019

615
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Data Usability Summary Report
for Con-Test Analytical Laboratory
Work Order No: 19K0535

6 Ground Water Samples, 1 Field Duplicate,
1 Soil Sample, and 1 Trip Blank
Collected November 5 and 6, 2019

Prepared by: Donald Anné
January 2, 2020

The data package contained the documentation as required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contained the results of volatile analyses for 6 ground water samples, 1 field duplicate, and 1 trip blank, and the result of the lead analysis for 1 soil sample.

The overall performances of the analyses are acceptable. Con-Test Analytical Laboratory did fulfill the requirements of the analytical methods.

The data are mostly acceptable with some issues that are identified in the accompanying data validation reviews. The following data were qualified:

- The "not detected" volatile results for 1,2,3-trichlorobenzene were qualified as "estimated" (UJ) in the trip blank and samples MW-2, MW-4, MW-5, MW-6, and DUP because 2 of 2 percent recoveries for 1,2,3-trichlorobenzene were below control limits, but not below 30% in the associated aqueous LCS/LCSD.

All data are considered usable with estimated (UJ) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation reviews.

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January 2, 2020

Ms. Cailyn Locci, P.G.
Senior Project Manager
Weston & Sampson
1 Winners Circle, Suite 130
Albany, New York 12205

Re: Data Validation Report
Kingston, NY
November 2019 Soil and Ground Water Sampling Events

44-46 FRANKLIN
54 VAN DEUSEN
33 FRANKLIN

Dear Ms. Locci:

The data usability summary report (DUSR) and data validation summaries are attached to this letter for the Kingston, November 2019 soil and ground water sampling events. The data for Con-Test Analytical Laboratory work order numbers 19K0458, 19K0459, 19K0460, and 19K0535 are acceptable with some minor issues that are identified and discussed in the validation summaries. There are no data that are qualified as rejected, unusable (R) in the data packs.

615 BROADWAY

A list of common data validation acronyms is attached to this letter to assist you in interpreting the validation summaries. If you have any questions concerning the work performed, please contact me at (518) 348-6995. Thank you for the opportunity to assist Weston & Sampson.

Sincerely,
Alpha Geoscience

Donald Anné
Senior Chemist

DCA/bms
Via email

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Data Validation Acronyms

AA	Atomic absorption, flame technique
BHC	Hexachlorocyclohexane
BFB	Bromofluorobenzene
CCB	Continuing calibration blank
CCC	Calibration check compound
CCV	Continuing calibration verification
CN	Cyanide
CRDL	Contract required detection limit
CRQL	Contract required quantitation limit
CVAA	Atomic adsorption, cold vapor technique
DCAA	2,4-Dichlophenylacetic acid
DCB	Decachlorobiphenyl
DFTPP	Decafluorotriphenyl phosphine
ECD	Electron capture detector
FAA	Atomic absorption, furnace technique
FID	Flame ionization detector
FNP	1-Fluoronaphthalene
GC	Gas chromatography
GC/MS	Gas chromatography/mass spectrometry
GPC	Gel permeation chromatography
ICB	Initial calibration blank
ICP	Inductively coupled plasma-atomic emission spectrometer
ICV	Initial calibration verification
IDL	Instrument detection limit
IS	Internal standard
LCS	Laboratory control sample
LCS/LCSD	Laboratory control sample/laboratory control sample duplicate
MSA	Method of standard additions
MS/MSD	Matrix spike/matrix spike duplicate
PID	Photo ionization detector
PCB	Polychlorinated biphenyl
PCDD	Polychlorinated dibenzodioxins
PCDF	Polychlorinated dibenzofurans
QA	Quality assurance
QC	Quality control
RF	Response factor
RPD	Relative percent difference
RRF	Relative response factor
RRF(number)	Relative response factor at concentration of the number following
RT	Retention time
RRT	Relative retention time
SDG	Sample delivery group
SPCC	System performance check compound
TCX	Tetrachloro-m-xylene
%D	Percent difference
%R	Percent recovery
%RSD	Percent relative standard deviation

Data Validation Qualifiers Used in the QA/QC Reviews for USEPA Region II

U	=	Not detected. The associated number indicates the approximate sample concentration necessary to be detected significantly greater than the level of the highest associated blank.
R	=	Unreliable result; data is rejected or unusable. Analyte may or may not be present in the sample. Supporting data or information is necessary to confirm the result.
N	=	Tentative identification. Analyte is considered present. Special methods may be needed to confirm its presence or absence during future sampling efforts.
J	=	Analyte is present. Reported value may be associated with a higher level of uncertainty than is normally expected with the analytical method.
J-	=	Analyte is present. Reported value may be biased low and associated with a higher level of uncertainty than is normally expected with the analytical method.
J+	=	Analyte is present. Reported value may be biased high andassociated with a higher level of uncertainty than is normally expected with the analytical method.
UJ	=	Not detected, quantitation limit may be inaccurate or imprecise.

Note: These qualifiers are used for data validation purposes. The data validation qualifiers may differ from the qualifiers that the laboratory assigns to the data. Refer to the laboratory analytical report for the definitions of the laboratory qualifiers.

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QA/QC Review of Method 8260C Volatiles Data for Con-Test Analytical Laboratory, Work Order No: 19K0535

6 Ground Water Samples, 1 Field Duplicate, and 1 Trip Blank Collected November 5 and 6, 2019

Prepared by: Donald Anné
January 2, 2020

Holding Times: Samples were analyzed within USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The BFB tuning criteria were within control limits.

Initial Calibration: The average RRFs for applicable compounds were above the method minimums, as required.

The average RRFs for target compounds were below the allowable minimum (0.001 for 1,4-dioxane, 0.010 for all other compounds) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The RRFs for applicable compounds were above the method minimums, as required. The %Ds for bromomethane and chloromethane were above the method maximum on 11-12-19 (S042572-CCV1). The %Ds for bromomethane and chloromethane were above the method maximum on 11-13-19 (S042591-CCV1). No action is taken on fewer than 20% of the compounds with method criteria outside control limits per calibration, provided no RRF is less than 0.010.

The RRFs for target compounds were above the allowable minimum (0.0005 for 1,4-dioxane, 0.010 for all other compounds), as required.

The %Ds for bromomethane, naphthalene, and 1,2,3-trichlorobenzene were above the allowable maximum (25%) on 11-12-19 (S042572-CCV1). The %D for bromomethane was above the allowable maximum (25%) on 11-13-19 (S042591-CCV1). Positive results for these compounds should be considered estimated (J) in associated samples.

Blanks: The analyses of the method and trip blanks reported target compounds as not detected.

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Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Surrogate Recovery: The surrogate recoveries were within control limits for the ground water samples and trip blank.

Laboratory Control Sample: The relative percent differences (RPDs) for target compounds were below the allowable maximum and the percent recoveries (%Rs) were within QC limits for aqueous samples B245874-BS1 and B245874-BSD1.

The RPDs for target compounds were below the allowable maximum, but 2 of 2 %Rs for 1,2,3-trichlorobenzene were below QC limits, but not below 30% for aqueous samples B245767-BS1 and B245767-BSD1. Positive results for 1,2,3-trichlorobenzene should be considered estimated, biased low (J-) and "not detected" results estimated (UJ) in associated aqueous samples.

Field Duplicate: The relative percent difference for tetrachloroethylene was below the allowable maximum (20%) for aqueous field duplicate pair MW-1/DUP (attached table), as required.

Compound ID: Checked compounds and surrogates were within GC/MS quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

Volatiles

Calculations for Field Duplicate Relative Percent Difference (RPD)
SDG No. 19K0535

S1= MW-1 **S2=** DUP

Analyte	S1	S2	RPD (%)
tetrachloroethylene	1.0	1.1	10%
trichloroethylene	**0.24**	ND	NC

* RPD is above the allowable maximum 20%.
Results are in units of ug/L.

Bold numbers were values that below the CRQL or above the high standard.
ND - Not detected.
NC - Not calculated, both results must be within the linear range for valid RPDs to be calculated.

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C-D

Laboratory:	Con-Test Analytical Laboratory	Work Order:	19K0535
Client:	Weston & Sampson Engineers MA	Project:	Kingston Brownfields
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B245767	Laboratory ID:	B245767-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.	QC LIMITS REC.
Acetone	100	119	119	70 - 160
Acrylonitrile	10.0	9.53	95.3	70 - 130
tert-Amyl Methyl Ether (TAME)	10.0	8.70	87.0	70 - 130
Benzene	10.0	11.1	111	70 - 130
Bromobenzene	10.0	10.5	105	70 - 130
Bromochloromethane	10.0	11.0	110	70 - 130
Bromodichloromethane	10.0	10.7	107	70 - 130
Bromoform	10.0	10.5	105	70 - 130
Bromomethane	10.0	9.22	92.2	40 - 160
2-Butanone (MEK)	100	101	101	40 - 160
tert-Butyl Alcohol (TBA)	100	108	108	40 - 160
n-Butylbenzene	10.0	9.81	98.1	70 - 130
sec-Butylbenzene	10.0	11.6	116	70 - 130
tert-Butylbenzene	10.0	11.6	116	70 - 130
tert-Butyl Ethyl Ether (TBEE)	10.0	8.84	88.4	70 - 130
Carbon Disulfide	10.0	12.0	120	70 - 130
Carbon Tetrachloride	10.0	11.0	110	70 - 130
Chlorobenzene	10.0	11.9	119	70 - 130
Chlorodibromomethane	10.0	10.7	107	70 - 130
Chloroethane	10.0	10.8	108	70 - 130
Chloroform	10.0	10.9	109	70 - 130
Chloromethane	10.0	9.02	90.2	40 - 160
2-Chlorotoluene	10.0	11.0	110	70 - 130
4-Chlorotoluene	10.0	10.5	105	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.0	9.33	93.3	70 - 130
1,2-Dibromoethane (EDB)	10.0	10.9	109	70 - 130
Dibromomethane	10.0	11.2	112	70 - 130
1,2-Dichlorobenzene	10.0	11.4	114	70 - 130
1,3-Dichlorobenzene	10.0	12.0	120	70 - 130
1,4-Dichlorobenzene	10.0	11.8	118	70 - 130
trans-1,4-Dichloro-2-butene	10.0	9.48	94.8	70 - 130
Dichlorodifluoromethane (Freon 12)	10.0	8.13	81.3	40 - 160
1,1-Dichloroethane	10.0	11.2	112	70 - 130
1,2-Dichloroethane	10.0	10.5	105	70 - 130
1,1-Dichloroethylene	10.0	11.1	111	70 - 130
cis-1,2-Dichloroethylene	10.0	11.0	110	70 - 130
trans-1,2-Dichloroethylene	10.0	10.9	109	70 - 130

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C-D

Laboratory:	Con-Test Analytical Laboratory	Work Order:	19K0535
Client:	Weston & Sampson Engineers MA	Project:	Kingston Brownfields
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B245767	Laboratory ID:	B245767-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.		QC LIMITS REC.
1,2-Dichloropropane	10.0	10.9	109		70 - 130
1,3-Dichloropropane	10.0	10.6	106		70 - 130
2,2-Dichloropropane	10.0	8.85	88.5		40 - 130
1,1-Dichloropropene	10.0	11.1	111		70 - 130
cis-1,3-Dichloropropene	10.0	10.4	104		70 - 130
trans-1,3-Dichloropropene	10.0	9.98	99.8		70 - 130
Diethyl Ether	10.0	10.7	107		70 - 130
Diisopropyl Ether (DIPE)	10.0	10.5	105		70 - 130
1,4-Dioxane	100	84.4	84.4		40 - 130
Ethylbenzene	10.0	11.1	111		70 - 130
Hexachlorobutadiene	10.0	9.61	96.1		70 - 130
2-Hexanone (MBK)	100	90.0	90.0		70 - 160
Isopropylbenzene (Cumene)	10.0	11.2	112		70 - 130
p-Isopropyltoluene (p-Cymene)	10.0	10.5	105		70 - 130
Methyl Acetate	10.0	10.5	105		70 - 130
Methyl tert-Butyl Ether (MTBE)	10.0	10.5	105		70 - 130
Methyl Cyclohexane	10.0	11.1	111		70 - 130
Methylene Chloride	10.0	11.5	115		70 - 130
4-Methyl-2-pentanone (MIBK)	100	92.8	92.8		70 - 160
Naphthalene	10.0	6.17	61.7		40 - 130
n-Propylbenzene	10.0	10.5	105		70 - 130
Styrene	10.0	10.5	105		70 - 130
1,1,1,2-Tetrachloroethane	10.0	11.9	119		70 - 130
1,1,2,2-Tetrachloroethane	10.0	11.1	111		70 - 130
Tetrachloroethylene	10.0	11.9	119		70 - 130
Tetrahydrofuran	10.0	10.4	104		70 - 130
Toluene	10.0	11.1	111		70 - 130
1,2,3-Trichlorobenzene	10.0	6.65	66.5	*	70 - 130
1,2,4-Trichlorobenzene	10.0	7.09	70.9		70 - 130
1,3,5-Trichlorobenzene	10.0	8.76	87.6		70 - 130
1,1,1-Trichloroethane	10.0	10.9	109		70 - 130
1,1,2-Trichloroethane	10.0	11.5	115		70 - 130
Trichloroethylene	10.0	11.8	118		70 - 130
Trichlorofluoromethane (Freon 11)	10.0	9.72	97.2		70 - 130
1,2,3-Trichloropropane	10.0	9.26	92.6		70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	11.8	118		70 - 130

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C-D

Laboratory:	Con-Test Analytical Laboratory	Work Order:	19K0535
Client:	Weston & Sampson Engineers MA	Project:	Kingston Brownfields
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B245767	Laboratory ID:	B245767-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.	QC LIMITS REC.
1,2,4-Trimethylbenzene	10.0	11.0	110	70 - 130
1,3,5-Trimethylbenzene	10.0	10.2	102	70 - 130
Vinyl Chloride	10.0	9.36	93.6	40 - 160
m+p Xylene	20.0	21.4	107	70 - 130
o-Xylene	10.0	11.3	113	70 - 130

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Acetone	100	138	138	14.4	25	70 - 160
Acrylonitrile	10.0	8.99	89.9	5.83	25	70 - 130
tert-Amyl Methyl Ether (TAME)	10.0	8.68	86.8	0.230	25	70 - 130
Benzene	10.0	11.0	110	1.18	25	70 - 130
Bromobenzene	10.0	10.4	104	0.287	25	70 - 130
Bromochloromethane	10.0	11.2	112	1.08	25	70 - 130
Bromodichloromethane	10.0	11.0	110	2.76	25	70 - 130
Bromoform	10.0	10.6	106	1.33	25	70 - 130
Bromomethane	10.0	10.1	101	8.71	25	40 - 160
2-Butanone (MEK)	100	107	107	5.02	25	40 - 160
tert-Butyl Alcohol (TBA)	100	95.3	95.3	12.3	25	40 - 160
n-Butylbenzene	10.0	9.30	93.0	5.34	25	70 - 130
sec-Butylbenzene	10.0	11.5	115	0.347	25	70 - 130
tert-Butylbenzene	10.0	11.4	114	2.09	25	70 - 130
tert-Butyl Ethyl Ether (TBEE)	10.0	8.77	87.7	0.795	25	70 - 130
Carbon Disulfide	10.0	10.9	109	9.32	25	70 - 130
Carbon Tetrachloride	10.0	11.1	111	0.271	25	70 - 130
Chlorobenzene	10.0	11.9	119	0.505	25	70 - 130
Chlorodibromomethane	10.0	10.3	103	3.61	25	70 - 130
Chloroethane	10.0	10.9	109	1.20	25	70 - 130
Chloroform	10.0	11.1	111	1.09	25	70 - 130
Chloromethane	10.0	9.00	90.0	0.222	25	40 - 160
2-Chlorotoluene	10.0	10.7	107	2.30	25	70 - 130
4-Chlorotoluene	10.0	10.4	104	0.575	25	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.0	8.59	85.9	8.26	25	70 - 130
1,2-Dibromoethane (EDB)	10.0	11.2	112	2.98	25	70 - 130
Dibromomethane	10.0	11.0	110	1.80	25	70 - 130

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C-D

Laboratory:	Con-Test Analytical Laboratory	Work Order:	19K0535
Client:	Weston & Sampson Engineers MA	Project:	Kingston Brownfields
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B245767	Laboratory ID:	B245767-BSD1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,2-Dichlorobenzene	10.0	11.4	114	0.350	25	70 - 130
1,3-Dichlorobenzene	10.0	11.9	119	0.669	25	70 - 130
1,4-Dichlorobenzene	10.0	11.4	114	3.72	25	70 - 130
trans-1,4-Dichloro-2-butene	10.0	9.17	91.7	3.32	25	70 - 130
Dichlorodifluoromethane (Freon 12)	10.0	8.15	81.5	0.246	25	40 - 160
1,1-Dichloroethane	10.0	11.0	110	1.62	25	70 - 130
1,2-Dichloroethane	10.0	10.7	107	1.88	25	70 - 130
1,1-Dichloroethylene	10.0	11.4	114	2.48	25	70 - 130
cis-1,2-Dichloroethylene	10.0	10.8	108	1.84	25	70 - 130
trans-1,2-Dichloroethylene	10.0	10.7	107	1.58	25	70 - 130
1,2-Dichloropropane	10.0	11.3	113	3.50	25	70 - 130
1,3-Dichloropropane	10.0	10.7	107	0.753	25	70 - 130
2,2-Dichloropropane	10.0	8.65	86.5	2.29	25	40 - 130
1,1-Dichloropropene	10.0	10.9	109	1.73	25	70 - 130
cis-1,3-Dichloropropene	10.0	10.1	101	2.73	25	70 - 130
trans-1,3-Dichloropropene	10.0	9.86	98.6	1.21	25	70 - 130
Diethyl Ether	10.0	10.9	109	1.76	25	70 - 130
Diisopropyl Ether (DIPE)	10.0	10.4	104	1.25	25	70 - 130
1,4-Dioxane	100	88.4	88.4	4.56	50	40 - 130
Ethylbenzene	10.0	11.2	112	0.180	25	70 - 130
Hexachlorobutadiene	10.0	9.38	93.8	2.42	25	70 - 130
2-Hexanone (MBK)	100	94.0	94.0	4.41	25	70 - 160
Isopropylbenzene (Cumene)	10.0	11.0	110	1.53	25	70 - 130
p-Isopropyltoluene (p-Cymene)	10.0	10.5	105	0.285	25	70 - 130
Methyl Acetate	10.0	10.3	103	1.35	25	70 - 130
Methyl tert-Butyl Ether (MTBE)	10.0	10.1	101	3.40	25	70 - 130
Methyl Cyclohexane	10.0	10.9	109	1.09	25	70 - 130
Methylene Chloride	10.0	11.4	114	0.701	25	70 - 130
4-Methyl-2-pentanone (MIBK)	100	91.2	91.2	1.77	25	70 - 160
Naphthalene	10.0	6.18	61.8	0.162	25	40 - 130
n-Propylbenzene	10.0	10.5	105	0.0950	25	70 - 130
Styrene	10.0	10.5	105	0.285	25	70 - 130
1,1,1,2-Tetrachloroethane	10.0	12.0	120	0.587	25	70 - 130
1,1,2,2-Tetrachloroethane	10.0	10.7	107	3.68	25	70 - 130
Tetrachloroethylene	10.0	11.9	119	0.336	25	70 - 130
Tetrahydrofuran	10.0	9.85	98.5	5.34	25	70 - 130

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C-D

Laboratory:	Con-Test Analytical Laboratory	Work Order:	19K0535
Client:	Weston & Sampson Engineers MA	Project:	Kingston Brownfields
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B245767	Laboratory ID:	B245767-BSD1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Toluene	10.0	11.2	112	1.07	25	70 - 130
1,2,3-Trichlorobenzene	10.0	6.47	64.7	2.74	25	70 - 130
1,2,4-Trichlorobenzene	10.0	7.23	72.3	1.96	25	70 - 130
1,3,5-Trichlorobenzene	10.0	8.90	89.0	1.59	25	70 - 130
1,1,1-Trichloroethane	10.0	10.9	109	0.183	25	70 - 130
1,1,2-Trichloroethane	10.0	11.7	117	1.38	25	70 - 130
Trichloroethylene	10.0	12.6	126	6.53	25	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	9.73	97.3	0.103	25	70 - 130
1,2,3-Trichloropropane	10.0	9.86	98.6	6.28	25	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	11.7	117	0.681	25	70 - 130
1,2,4-Trimethylbenzene	10.0	10.7	107	2.31	25	70 - 130
1,3,5-Trimethylbenzene	10.0	10.1	101	0.689	25	70 - 130
Vinyl Chloride	10.0	9.40	94.0	0.426	25	40 - 160
m+p Xylene	20.0	21.7	108	1.21	25	70 - 130
o-Xylene	10.0	11.1	111	2.05	25	70 - 130

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C-D

Laboratory:	Con-Test Analytical Laboratory	Work Order:	19K0535
Client:	Weston & Sampson Engineers MA	Project:	Kingston Brownfields
Instrument ID:	GCMSVOA3	Calibration:	1900192
Lab File ID:	C1931629.D	Calibration Date:	05/16/19 09:46
Sequence:	S042572	Injection Date:	11/12/19
Lab Sample ID:	S042572-CCV1	Injection Time:	23:45

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Acetone	A	100	89.6	0.1881665	0.1685004		-10.5	20	
Acrylonitrile	A	10.0	8.57	0.2484221	0.2129355		-14.3	20	
tert-Amyl Methyl Ether (TAME)	A	10.0	8.38	1.289385	1.081082		-16.2	20	
Benzene	A	10.0	11.1	1.72594	1.919482		11.2	20	
Bromobenzene	A	10.0	10.6	1.057032	1.121281		6.1	20	
Bromochloromethane	A	10.0	11.0	0.4131035	0.4542059		9.9	20	
Bromodichloromethane	A	10.0	10.8	0.3780762	0.4101639		8.5	20	
Bromoform	A	10.0	11.0	0.4654726	0.5111147		9.8	20	
Bromomethane	A	10.0	14.8	0.2847145	0.4224853		48.4	20	*
2-Butanone (MEK)	A	100	88.8	0.3378563	0.3000322		-11.2	20	
tert-Butyl Alcohol (TBA)	A	100	101	7.238849E-02	7.341497E-02		1.4	20	
n-Butylbenzene	A	10.0	9.95	1.769604	1.760469		-0.5	20	
sec-Butylbenzene	A	10.0	11.5	2.284017	2.617712		14.6	20	
tert-Butylbenzene	A	10.0	11.7	1.618806	1.895355		17.1	20	
tert-Butyl Ethyl Ether (TBEE)	A	10.0	8.95	1.451316	1.29962		-10.5	20	
Carbon Disulfide	A	100	114	1.119853	1.272214		13.6	20	
Carbon Tetrachloride	A	10.0	11.0	0.4997097	0.5483401		9.7	20	
Chlorobenzene	A	10.0	12.0	1.478802	1.767506		19.5	20	
Chlorodibromomethane	A	10.0	10.9	0.3139765	0.3429318		9.2	20	
Chloroethane	A	10.0	10.9	0.2881543	0.3129341		8.6	20	
Chloroform	A	10.0	11.2	0.7462329	0.8388843		12.4	20	
Chloromethane	A	10.0	12.3	0.6525361	0.8011783		22.8	20	*
2-Chlorotoluene	A	10.0	11.2	1.720424	1.933473		12.4	20	
4-Chlorotoluene	A	10.0	11.0	1.958256	2.145841		9.6	20	
1,2-Dibromo-3-chloropropane (DBCP)	A	10.0	8.24	0.1644986	0.1355238		-17.6	20	
1,2-Dibromoethane (EDB)	A	10.0	11.0	0.3046615	0.3335081		9.5	20	
Dibromomethane	A	10.0	11.0	0.1962563	0.2166383		10.4	20	
1,2-Dichlorobenzene	A	10.0	11.4	1.195438	1.360408		13.8	20	
1,3-Dichlorobenzene	A	10.0	11.7	1.185068	1.391457		17.4	20	

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C-D

Laboratory:	Con-Test Analytical Laboratory	Work Order:	19K0535
Client:	Weston & Sampson Engineers MA	Project:	Kingston Brownfields
Instrument ID:	GCMSVOA3	Calibration:	1900192
Lab File ID:	C1931629.D	Calibration Date:	05/16/19 09:46
Sequence:	S042572	Injection Date:	11/12/19
Lab Sample ID:	S042572-CCV1	Injection Time:	23:45

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,4-Dichlorobenzene	A	10.0	11.2	1.256354	1.401093		11.5	20	
trans-1,4-Dichloro-2-butene	A	10.0	8.13	0.2217889	0.1802313		-18.7	20	
Dichlorodifluoromethane (Freon 12)	A	10.0	9.03	0.489052	0.441832		-9.7	20	
1,1-Dichloroethane	A	10.0	10.9	0.8050564	0.8801172		9.3	20	
1,2-Dichloroethane	A	10.0	10.8	0.4085792	0.4391681		7.5	20	
1,1-Dichloroethylene	A	10.0	11.4	0.580623	0.6610955		13.9	20	
cis-1,2-Dichloroethylene	A	10.0	10.9	0.7003627	0.7655681		9.3	20	
trans-1,2-Dichloroethylene	A	10.0	10.6	0.6012956	0.6363881		5.8	20	
1,2-Dichloropropane	A	10.0	11.4	0.3162404	0.3589801		13.5	20	
1,3-Dichloropropane	A	10.0	11.0	0.5087606	0.5596767		10.0	20	
2,2-Dichloropropane	A	10.0	9.01	0.6030733	0.5432011		-9.9	20	
1,1-Dichloropropene	A	10.0	11.4	0.5527761	0.6300601		14.0	20	
cis-1,3-Dichloropropene	A	10.0	11.1	0.4823059	0.5350712		10.9	20	
trans-1,3-Dichloropropene	A	10.0	9.63	0.4359988	0.4198675		-3.7	20	
Diethyl Ether	A	10.0	10.3	0.3702305	0.3818973		3.2	20	
Diisopropyl Ether (DIPE)	A	10.0	10.1	1.74122	1.761262		1.2	20	
1,4-Dioxane	A	100	83.2	4.635165E-03	3.854784E-03		-16.8	20	
Ethylbenzene	A	10.0	11.5	2.545889	2.92027		14.7	20	
Hexachlorobutadiene	A	10.0	9.65	0.2928132	0.2824716		-3.5	20	
2-Hexanone (MBK)	A	100	83.3	0.3344099	0.2785068		-16.7	20	
Isopropylbenzene (Cumene)	A	10.0	11.5	2.305934	2.661388		15.4	20	
p-Isopropyltoluene (p-Cymene)	A	10.0	10.8	1.967049	2.122526		7.9	20	
Methyl Acetate	A	10.0	10.8	0.5828072	0.6295361		8.0	20	
Methyl tert-Butyl Ether (MTBE)	A	10.0	9.65	1.31052	1.264292		-3.5	20	
Methyl Cyclohexane	A	10.0	11.0	0.3612119	0.3976212		10.1	20	
Methylene Chloride	A	10.0	11.6	0.6164331	0.7153673		16.0	20	
4-Methyl-2-pentanone (MIBK)	A	100	88.1	0.4656019	0.4101839		-11.9	20	
Naphthalene	A	10.0	6.11	2.298426	1.405369		-38.9	20	*
n-Propylbenzene	A	10.0	10.7	2.710896	2.904614		7.1	20	

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C-D

Laboratory:	Con-Test Analytical Laboratory	Work Order:	19K0535
Client:	Weston & Sampson Engineers MA	Project:	Kingston Brownfields
Instrument ID:	GCMSVOA3	Calibration:	1900192
Lab File ID:	C1931629.D	Calibration Date:	05/16/19 09:46
Sequence:	S042572	Injection Date:	11/12/19
Lab Sample ID:	S042572-CCV1	Injection Time:	23:45

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Styrene	A	10.0	11.2	1.60354	1.797483		12.1	20	
1,1,1,2-Tetrachloroethane	A	10.0	11.9	0.5280217	0.6296587		19.2	20	
1,1,2,2-Tetrachloroethane	A	10.0	10.7	0.8779885	0.9401407		7.1	20	
Tetrachloroethylene	A	10.0	11.8	0.2684052	0.3179397		18.5	20	
Tetrahydrofuran	A	10.0	8.81	0.2017468	0.1777687		-11.9	20	
Toluene	A	10.0	11.1	1.159427	1.291459		11.4	20	
1,2,3-Trichlorobenzene	A	10.0	6.46	0.763704	0.4933998		-35.4	20	*
1,2,4-Trichlorobenzene	A	10.0	7.58	0.768892	0.5825258		-24.2	20	*
1,3,5-Trichlorobenzene	A	10.0	8.56	0.816296	0.6989991		-14.4	20	
1,1,1-Trichloroethane	A	10.0	11.0	0.5962929	0.6541025		9.7	20	
1,1,2-Trichloroethane	A	10.0	11.1	0.2729421	0.3034776		11.2	20	
Trichloroethylene	A	10.0	11.9	0.264012	0.314794		19.2	20	
Trichlorofluoromethane (Freon 11)	A	10.0	11.4	0.5804948	0.6590198		13.5	20	
1,2,3-Trichloropropane	A	10.0	9.86	0.7335319	0.7235677		-1.4	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	11.4	0.3179614	0.3624296		14.0	20	
1,2,4-Trimethylbenzene	A	10.0	11.6	2.04495	2.370406		15.9	20	
1,3,5-Trimethylbenzene	A	10.0	10.6	1.923032	2.042555		6.2	20	
Vinyl Chloride	A	10.0	10.9	0.5215649	0.5679891		8.9	20	
m+p Xylene	A	20.0	22.5	1.929171	2.168103		12.4	20	
o-Xylene	A	10.0	11.6	1.987587	2.306011		16.0	20	
1,2-Dichloroethane-d4	A	25.0	23.0	0.5643226	0.5183888		-8.1		
Toluene-d8	A	25.0	24.6	1.196284	1.177783		-1.5		
4-Bromofluorobenzene	A	25.0	24.4	0.8899582	0.8703384		-2.2		

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C-D

Laboratory:	Con-Test Analytical Laboratory	Work Order:	19K0535
Client:	Weston & Sampson Engineers MA	Project:	Kingston Brownfields
Instrument ID:	GCMSVOA3	Calibration:	1900192
Lab File ID:	C1931703.D	Calibration Date:	05/16/19 09:46
Sequence:	S042591	Injection Date:	11/13/19
Lab Sample ID:	S042591-CCV1	Injection Time:	13:00

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Acetone	A	100	94.8	0.1881665	0.1783091		-5.2	20	
Acrylonitrile	A	10.0	8.61	0.2484221	0.2139401		-13.9	20	
tert-Amyl Methyl Ether (TAME)	A	10.0	9.14	1.289385	1.178004		-8.6	20	
Benzene	A	10.0	10.9	1.72594	1.880137		8.9	20	
Bromobenzene	A	10.0	10.5	1.057032	1.11291		5.3	20	
Bromochloromethane	A	10.0	11.0	0.4131035	0.4555287		10.3	20	
Bromodichloromethane	A	10.0	10.9	0.3780762	0.4117363		8.9	20	
Bromoform	A	10.0	10.4	0.4654726	0.4864902		4.5	20	
Bromomethane	A	10.0	14.4	0.2847145	0.4104814		44.2	20	*
2-Butanone (MEK)	A	100	95.3	0.3378563	0.3218996		-4.7	20	
tert-Butyl Alcohol (TBA)	A	100	104	7.238849E-02	0.0749689		3.6	20	
n-Butylbenzene	A	10.0	10.2	1.769604	1.810939		2.3	20	
sec-Butylbenzene	A	10.0	11.3	2.284017	2.588004		13.3	20	
tert-Butylbenzene	A	10.0	11.4	1.618806	1.836769		13.5	20	
tert-Butyl Ethyl Ether (TBEE)	A	10.0	9.70	1.451316	1.408335		-3.0	20	
Carbon Disulfide	A	100	108	1.119853	1.21274		8.3	20	
Carbon Tetrachloride	A	10.0	10.7	0.4997097	0.5365586		7.4	20	
Chlorobenzene	A	10.0	11.9	1.478802	1.759968		19.0	20	
Chlorodibromomethane	A	10.0	11.0	0.3139765	0.3438271		9.5	20	
Chloroethane	A	10.0	10.8	0.2881543	0.3120528		8.3	20	
Chloroform	A	10.0	11.2	0.7462329	0.8326937		11.6	20	
Chloromethane	A	10.0	12.1	0.6525361	0.7919517		21.4	20	*
2-Chlorotoluene	A	10.0	10.9	1.720424	1.870802		8.7	20	
4-Chlorotoluene	A	10.0	10.5	1.958256	2.063674		5.4	20	
1,2-Dibromo-3-chloropropane (DBCP)	A	10.0	9.11	0.1644986	0.1499197		-8.9	20	
1,2-Dibromoethane (EDB)	A	10.0	11.4	0.3046615	0.3481081		14.3	20	
Dibromomethane	A	10.0	10.6	0.1962563	0.208335		6.2	20	
1,2-Dichlorobenzene	A	10.0	11.2	1.195438	1.343534		12.4	20	
1,3-Dichlorobenzene	A	10.0	11.7	1.185068	1.3907		17.4	20	

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C-D

Laboratory:	Con-Test Analytical Laboratory	Work Order:	19K0535
Client:	Weston & Sampson Engineers MA	Project:	Kingston Brownfields
Instrument ID:	GCMSVOA3	Calibration:	1900192
Lab File ID:	C1931703.D	Calibration Date:	05/16/19 09:46
Sequence:	S042591	Injection Date:	11/13/19
Lab Sample ID:	S042591-CCV1	Injection Time:	13:00

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,4-Dichlorobenzene	A	10.0	11.2	1.256354	1.408703		12.1	20	
trans-1,4-Dichloro-2-butene	A	10.0	9.07	0.2217889	0.2011928		-9.3	20	
Dichlorodifluoromethane (Freon 12)	A	10.0	8.45	0.489052	0.413108		-15.5	20	
1,1-Dichloroethane	A	10.0	10.7	0.8050564	0.859572		6.8	20	
1,2-Dichloroethane	A	10.0	11.0	0.4085792	0.447851		9.6	20	
1,1-Dichloroethylene	A	10.0	11.0	0.580623	0.6418598		10.5	20	
cis-1,2-Dichloroethylene	A	10.0	11.0	0.7003627	0.7708203		10.1	20	
trans-1,2-Dichloroethylene	A	10.0	10.9	0.6012956	0.653176		8.6	20	
1,2-Dichloropropane	A	10.0	11.0	0.3162404	0.3495699		10.5	20	
1,3-Dichloropropane	A	10.0	11.1	0.5087606	0.5627863		10.6	20	
2,2-Dichloropropane	A	10.0	9.90	0.6030733	0.596852		-1.0	20	
1,1-Dichloropropene	A	10.0	11.1	0.5527761	0.6134411		11.0	20	
cis-1,3-Dichloropropene	A	10.0	11.0	0.4823059	0.5285119		9.6	20	
trans-1,3-Dichloropropene	A	10.0	10.3	0.4359988	0.4500568		3.2	20	
Diethyl Ether	A	10.0	10.5	0.3702305	0.3883231		4.9	20	
Diisopropyl Ether (DIPE)	A	10.0	10.3	1.74122	1.789509		2.8	20	
1,4-Dioxane	A	100	87.7	4.635165E-03	4.063067E-03		-12.3	20	
Ethylbenzene	A	10.0	11.3	2.545889	2.88419		13.3	20	
Hexachlorobutadiene	A	10.0	10.5	0.2928132	0.3084988		5.4	20	
2-Hexanone (MBK)	A	100	93.6	0.3344099	0.312911		-6.4	20	
Isopropylbenzene (Cumene)	A	10.0	11.2	2.305934	2.582686		12.0	20	
p-Isopropyltoluene (p-Cymene)	A	10.0	10.9	1.967049	2.137352		8.7	20	
Methyl Acetate	A	10.0	10.5	0.5828072	0.6139743		5.3	20	
Methyl tert-Butyl Ether (MTBE)	A	10.0	9.95	1.31052	1.303469		-0.5	20	
Methyl Cyclohexane	A	10.0	10.6	0.3612119	0.3810904		5.5	20	
Methylene Chloride	A	10.0	11.5	0.6164331	0.7069325		14.7	20	
4-Methyl-2-pentanone (MIBK)	A	100	94.8	0.4656019	0.441205		-5.2	20	
Naphthalene	A	10.0	7.87	2.298426	1.808469		-21.3	20	*
n-Propylbenzene	A	10.0	10.9	2.710896	2.963209		9.3	20	

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C-D

Laboratory:	Con-Test Analytical Laboratory	Work Order:	19K0535
Client:	Weston & Sampson Engineers MA	Project:	Kingston Brownfields
Instrument ID:	GCMSVOA3	Calibration:	1900192
Lab File ID:	C1931703.D	Calibration Date:	05/16/19 09:46
Sequence:	S042591	Injection Date:	11/13/19
Lab Sample ID:	S042591-CCV1	Injection Time:	13:00

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Styrene	A	10.0	10.6	1.60354	1.703137		6.2	20
1,1,1,2-Tetrachloroethane	A	10.0	11.8	0.5280217	0.6232926		18.0	20
1,1,2,2-Tetrachloroethane	A	10.0	11.0	0.8779885	0.9668078		10.1	20
Tetrachloroethylene	A	10.0	11.6	0.2684052	0.3116671		16.1	20
Tetrahydrofuran	A	10.0	9.62	0.2017468	0.1940727		-3.8	20
Toluene	A	10.0	11.0	1.159427	1.280812		10.5	20
1,2,3-Trichlorobenzene	A	10.0	8.03	0.763704	0.6135457		-19.7	20
1,2,4-Trichlorobenzene	A	10.0	8.60	0.768892	0.6615153		-14.0	20
1,3,5-Trichlorobenzene	A	10.0	9.71	0.816296	0.792509		-2.9	20
1,1,1-Trichloroethane	A	10.0	10.9	0.5962929	0.6522675		9.4	20
1,1,2-Trichloroethane	A	10.0	11.4	0.2729421	0.310375		13.7	20
Trichloroethylene	A	10.0	11.9	0.264012	0.3149301		19.3	20
Trichlorofluoromethane (Freon 11)	A	10.0	10.9	0.5804948	0.6347305		9.3	20
1,2,3-Trichloropropane	A	10.0	10.7	0.7335319	0.7839695		6.9	20
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	10.8	0.3179614	0.3438485		8.1	20
1,2,4-Trimethylbenzene	A	10.0	11.2	2.04495	2.284147		11.7	20
1,3,5-Trimethylbenzene	A	10.0	10.5	1.923032	2.021146		5.1	20
Vinyl Chloride	A	10.0	10.6	0.5215649	0.5524959		5.9	20
m+p Xylene	A	20.0	22.3	1.929171	2.146705		11.3	20
o-Xylene	A	10.0	11.4	1.987587	2.255459		13.5	20
1,2-Dichloroethane-d4	A	25.0	23.2	0.5643226	0.5245236		-7.1	
Toluene-d8	A	25.0	25.0	1.196284	1.198658		0.2	
4-Bromofluorobenzene	A	25.0	24.8	0.8899582	0.8820289		-0.9	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

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Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Lead Data for
Con-Test Analytical Laboratory
Work Order No: 19K0535

1 Soil Sample
Collected November 6, 2019

Prepared by: Donald Anné
January 2, 2020

Holding Times: The sample was analyzed within USEPA SW-846 holding times.

Initial and Continuing Calibration Verification: The percent recoveries for lead were within control limits (90-110%).

Low Level Calibration Verification: The percent recovery for lead was within laboratory QC limits (70-130%) for sample S043771-LCV1.

Blanks: The analyses of initial and continuing calibration and method blanks reported lead as not detected.

ICP Interference Check Sample: The percent recovery for lead was within control limits (80-120%).

Laboratory Control Sample: The relative percent difference for lead was below the allowable maximum (20%) and the percent recoveries were within control limits (80-120%) for soil sample B245947-BS1.

Percent Solids: The percent solids for the soil sample was above 50%.

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www.alphageoscience.com

Qualified Data

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Kingston Brownfield
Sample Description:
Work Order: 19K0535
Date Received: 11/8/2019
Field Sample #: MW-1
Sampled: 11/5/2019 13:58
Sample ID: 19K0535-01
Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	3.8	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
Acrylonitrile	ND	5.0	0.52	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.14	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
Bromobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
Bromochloromethane	ND	1.0	0.32	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
Bromoform	ND	1.0	0.46	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
Bromomethane	ND	2.0	0.78	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
tert-Butyl Alcohol (TBA)	ND	20	4.2	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
n-Butylbenzene	ND	1.0	0.21	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
sec-Butylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
tert-Butylbenzene	ND	1.0	0.17	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.16	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
Carbon Disulfide	ND	5.0	4.4	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
Carbon Tetrachloride	ND	5.0	0.11	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
Chlorobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
Chlorodibromomethane	ND	0.50	0.21	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
Chloroethane	ND	2.0	0.35	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
Chloroform	ND	2.0	0.17	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
Chloromethane	ND	2.0	0.45	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
2-Chlorotoluene	ND	1.0	0.12	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
4-Chlorotoluene	ND	1.0	0.14	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.53	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.19	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
Dibromomethane	ND	1.0	0.37	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
1,2-Dichlorobenzene	ND	1.0	0.16	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
1,3-Dichlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	0.31	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.26	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
1,1-Dichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
1,2-Dichloroethane	ND	1.0	0.41	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
1,1-Dichloroethylene	ND	1.0	0.32	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
cis-1,2-Dichloroethylene	ND	1.0	0.13	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.31	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
1,2-Dichloropropane	ND	1.0	0.20	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
1,3-Dichloropropane	ND	0.50	0.11	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
2,2-Dichloropropane	ND	1.0	0.20	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
1,1-Dichloropropene	ND	2.0	0.16	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
cis-1,3-Dichloropropene	ND	0.50	0.13	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
trans-1,3-Dichloropropene	ND	0.50	0.23	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
Diethyl Ether	ND	2.0	0.34	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Kingston Brownfield | Sample Description: | Work Order: 19K0535

Date Received: 11/8/2019

Field Sample #: MW-1 | Sampled: 11/5/2019 13:58

Sample ID: 19K0535-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	0.17	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
Ethylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
Hexachlorobutadiene	ND	0.60	0.47	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
2-Hexanone (MBK)	ND	10	1.5	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.17	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.20	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
Methyl Acetate	ND	1.0	0.42	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.25	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
Methyl Cyclohexane	ND	1.0	0.20	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
Methylene Chloride	ND	5.0	0.34	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.7	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
Naphthalene	ND	2.0	0.31	µg/L	1	V-05	SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
n-Propylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
Styrene	ND	1.0	0.11	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	0.27	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.22	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
Tetrachloroethylene	1.0	1.0	0.18	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
Tetrahydrofuran	ND	10	0.51	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
Toluene	ND	1.0	0.14	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.57	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.40	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
1,3,5-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
1,1,1-Trichloroethane	ND	1.0	0.20	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
1,1,2-Trichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
Trichloroethylene	0.24	1.0	0.24	µg/L	1	J	SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.33	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
1,2,3-Trichloropropane	ND	2.0	0.25	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.32	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
1,2,4-Trimethylbenzene	ND	1.0	0.18	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
1,3,5-Trimethylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
Vinyl Chloride	ND	2.0	0.45	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
m+p Xylene	ND	2.0	0.30	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH
o-Xylene	ND	1.0	0.17	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:12	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	95.2	70-130		11/13/19 15:12
Toluene-d8	99.3	70-130		11/13/19 15:12
4-Bromofluorobenzene	97.4	70-130		11/13/19 15:12

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Kingston Brownfield | Sample Description: | Work Order: 19K0535

Date Received: 11/8/2019

Field Sample #: MW-2 | Sampled: 11/6/2019 09:00

Sample ID: 19K0535-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	3.8	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
Acrylonitrile	ND	5.0	0.52	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.14	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
Bromobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
Bromochloromethane	ND	1.0	0.32	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
Bromoform	ND	1.0	0.46	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
Bromomethane	ND	2.0	0.78	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
tert-Butyl Alcohol (TBA)	ND	20	4.2	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
n-Butylbenzene	ND	1.0	0.21	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
sec-Butylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
tert-Butylbenzene	ND	1.0	0.17	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
Carbon Disulfide	ND	5.0	4.4	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
Carbon Tetrachloride	ND	5.0	0.11	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
Chlorobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
Chlorodibromomethane	ND	0.50	0.21	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
Chloroethane	ND	2.0	0.35	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
Chloroform	ND	2.0	0.17	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
Chloromethane	ND	2.0	0.45	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
2-Chlorotoluene	ND	1.0	0.12	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
4-Chlorotoluene	ND	1.0	0.14	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.53	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.19	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
Dibromomethane	ND	1.0	0.37	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
1,2-Dichlorobenzene	ND	1.0	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
1,3-Dichlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	0.31	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.26	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
1,1-Dichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
1,2-Dichloroethane	ND	1.0	0.41	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
1,1-Dichloroethylene	ND	1.0	0.32	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
cis-1,2-Dichloroethylene	ND	1.0	0.13	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.31	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
1,2-Dichloropropane	ND	1.0	0.20	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
1,3-Dichloropropane	ND	0.50	0.11	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
2,2-Dichloropropane	ND	1.0	0.20	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
1,1-Dichloropropene	ND	2.0	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
cis-1,3-Dichloropropene	ND	0.50	0.13	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
trans-1,3-Dichloropropene	ND	0.50	0.23	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
Diethyl Ether	ND	2.0	0.34	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Kingston Brownfield | Sample Description: | Work Order: 19K0535

Date Received: 11/8/2019

Field Sample #: MW-2 | Sampled: 11/6/2019 09:00

Sample ID: 19K0535-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	0.17	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
Ethylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
Hexachlorobutadiene	ND	0.60	0.47	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
2-Hexanone (MBK)	ND	10	1.5	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.17	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.20	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
Methyl Acetate	ND	1.0	0.42	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.25	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
Methyl Cyclohexane	ND	1.0	0.20	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
Methylene Chloride	ND	5.0	0.34	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.7	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
Naphthalene	ND	2.0	0.31	µg/L	1	V-05	SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
n-Propylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
Styrene	ND	1.0	0.11	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	0.27	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.22	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
Tetrachloroethylene	6.6	1.0	0.18	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
Tetrahydrofuran	ND	10	0.51	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
Toluene	ND	1.0	0.14	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.57	µg/L	1	UJ L-04, V-05	SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.40	µg/L	1	V-05	SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
1,3,5-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
1,1,1-Trichloroethane	ND	1.0	0.20	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
1,1,2-Trichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
Trichloroethylene	14	1.0	0.24	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.33	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
1,2,3-Trichloropropane	ND	2.0	0.25	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.32	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
1,2,4-Trimethylbenzene	ND	1.0	0.18	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
1,3,5-Trimethylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
Vinyl Chloride	ND	2.0	0.45	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
m+p Xylene	ND	2.0	0.30	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH
o-Xylene	ND	1.0	0.17	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 5:29	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	95.2	70-130		11/13/19 5:29
Toluene-d8	97.3	70-130		11/13/19 5:29
4-Bromofluorobenzene	91.3	70-130		11/13/19 5:29

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Kingston Brownfield | Sample Description: | Work Order: 19K0535

Date Received: 11/8/2019

Field Sample #: MW-3 | Sampled: 11/6/2019 09:55

Sample ID: 19K0535-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	3.8	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
Acrylonitrile	ND	5.0	0.52	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.14	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
Bromobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
Bromochloromethane	ND	1.0	0.32	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
Bromoform	ND	1.0	0.46	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
Bromomethane	ND	2.0	0.78	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
tert-Butyl Alcohol (TBA)	ND	20	4.2	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
n-Butylbenzene	ND	1.0	0.21	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
sec-Butylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
tert-Butylbenzene	ND	1.0	0.17	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.16	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
Carbon Disulfide	ND	5.0	4.4	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
Carbon Tetrachloride	ND	5.0	0.11	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
Chlorobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
Chlorodibromomethane	ND	0.50	0.21	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
Chloroethane	ND	2.0	0.35	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
Chloroform	ND	2.0	0.17	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
Chloromethane	ND	2.0	0.45	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
2-Chlorotoluene	ND	1.0	0.12	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
4-Chlorotoluene	ND	1.0	0.14	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.53	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.19	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
Dibromomethane	ND	1.0	0.37	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
1,2-Dichlorobenzene	ND	1.0	0.16	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
1,3-Dichlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	0.31	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.26	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
1,1-Dichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
1,2-Dichloroethane	ND	1.0	0.41	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
1,1-Dichloroethylene	ND	1.0	0.32	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
cis-1,2-Dichloroethylene	ND	1.0	0.13	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.31	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
1,2-Dichloropropane	ND	1.0	0.20	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
1,3-Dichloropropane	ND	0.50	0.11	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
2,2-Dichloropropane	ND	1.0	0.20	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
1,1-Dichloropropene	ND	2.0	0.16	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
cis-1,3-Dichloropropene	ND	0.50	0.13	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
trans-1,3-Dichloropropene	ND	0.50	0.23	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
Diethyl Ether	ND	2.0	0.34	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Kingston Brownfield | Sample Description: | Work Order: 19K0535

Date Received: 11/8/2019

Field Sample #: MW-3 | Sampled: 11/6/2019 09:55

Sample ID: 19K0535-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	0.17	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
Ethylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
Hexachlorobutadiene	ND	0.60	0.47	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
2-Hexanone (MBK)	ND	10	1.5	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.17	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.20	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
Methyl Acetate	ND	1.0	0.42	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.25	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
Methyl Cyclohexane	ND	1.0	0.20	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
Methylene Chloride	ND	5.0	0.34	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.7	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
Naphthalene	ND	2.0	0.31	µg/L	1	V-05	SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
n-Propylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
Styrene	ND	1.0	0.11	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	0.27	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.22	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
Tetrachloroethylene	ND	1.0	0.18	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
Tetrahydrofuran	ND	10	0.51	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
Toluene	ND	1.0	0.14	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.57	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.40	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
1,3,5-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
1,1,1-Trichloroethane	ND	1.0	0.20	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
1,1,2-Trichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
Trichloroethylene	1.9	1.0	0.24	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.33	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
1,2,3-Trichloropropane	ND	2.0	0.25	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.32	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
1,2,4-Trimethylbenzene	ND	1.0	0.18	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
1,3,5-Trimethylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
Vinyl Chloride	ND	2.0	0.45	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
m+p Xylene	ND	2.0	0.30	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH
o-Xylene	ND	1.0	0.17	µg/L	1		SW-846 8260C-D	11/13/19	11/13/19 15:38	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	96.7	70-130		11/13/19 15:38
Toluene-d8	97.3	70-130		11/13/19 15:38
4-Bromofluorobenzene	95.0	70-130		11/13/19 15:38

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Kingston Brownfield | Sample Description: | Work Order: 19K0535

Date Received: 11/8/2019

Field Sample #: MW-4 | Sampled: 11/6/2019 11:15

Sample ID: 19K0535-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	3.8	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
Acrylonitrile	ND	5.0	0.52	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.14	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
Bromobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
Bromochloromethane	ND	1.0	0.32	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
Bromoform	ND	1.0	0.46	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
Bromomethane	ND	2.0	0.78	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
tert-Butyl Alcohol (TBA)	ND	20	4.2	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
n-Butylbenzene	ND	1.0	0.21	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
sec-Butylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
tert-Butylbenzene	ND	1.0	0.17	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
Carbon Disulfide	ND	5.0	4.4	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
Carbon Tetrachloride	ND	5.0	0.11	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
Chlorobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
Chlorodibromomethane	ND	0.50	0.21	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
Chloroethane	ND	2.0	0.35	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
Chloroform	ND	2.0	0.17	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
Chloromethane	ND	2.0	0.45	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
2-Chlorotoluene	ND	1.0	0.12	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
4-Chlorotoluene	ND	1.0	0.14	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.53	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.19	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
Dibromomethane	ND	1.0	0.37	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
1,2-Dichlorobenzene	ND	1.0	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
1,3-Dichlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	0.31	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.26	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
1,1-Dichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
1,2-Dichloroethane	ND	1.0	0.41	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
1,1-Dichloroethylene	ND	1.0	0.32	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
cis-1,2-Dichloroethylene	ND	1.0	0.13	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.31	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
1,2-Dichloropropane	ND	1.0	0.20	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
1,3-Dichloropropane	ND	0.50	0.11	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
2,2-Dichloropropane	ND	1.0	0.20	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
1,1-Dichloropropene	ND	2.0	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
cis-1,3-Dichloropropene	ND	0.50	0.13	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
trans-1,3-Dichloropropene	ND	0.50	0.23	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
Diethyl Ether	ND	2.0	0.34	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Kingston Brownfield | Sample Description: | Work Order: 19K0535

Date Received: 11/8/2019

Field Sample #: MW-4 | Sampled: 11/6/2019 11:15

Sample ID: 19K0535-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	0.17	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
Ethylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
Hexachlorobutadiene	ND	0.60	0.47	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
2-Hexanone (MBK)	ND	10	1.5	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.17	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.20	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
Methyl Acetate	ND	1.0	0.42	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.25	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
Methyl Cyclohexane	ND	1.0	0.20	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
Methylene Chloride	ND	5.0	0.34	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.7	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
Naphthalene	ND	2.0	0.31	µg/L	1	V-05	SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
n-Propylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
Styrene	ND	1.0	0.11	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	0.27	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.22	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
Tetrachloroethylene	0.92	1.0	0.18	µg/L	1	J	SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
Tetrahydrofuran	ND	10	0.51	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
Toluene	ND	1.0	0.14	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.57	µg/L	1	UJ L-04, V-05	SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.40	µg/L	1	V-05	SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
1,3,5-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
1,1,1-Trichloroethane	ND	1.0	0.20	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
1,1,2-Trichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
Trichloroethylene	1.2	1.0	0.24	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.33	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
1,2,3-Trichloropropane	ND	2.0	0.25	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.32	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
1,2,4-Trimethylbenzene	ND	1.0	0.18	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
1,3,5-Trimethylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
Vinyl Chloride	ND	2.0	0.45	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
m+p Xylene	ND	2.0	0.30	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH
o-Xylene	ND	1.0	0.17	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:22	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	95.7	70-130		11/13/19 6:22
Toluene-d8	98.8	70-130		11/13/19 6:22
4-Bromofluorobenzene	90.9	70-130		11/13/19 6:22

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Kingston Brownfield | Sample Description: | Work Order: 19K0535
Date Received: 11/8/2019
Field Sample #: MW-5 | Sampled: 11/6/2019 12:35
Sample ID: 19K0535-05
Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	3.8	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
Acrylonitrile	ND	5.0	0.52	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.14	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
Bromobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
Bromochloromethane	ND	1.0	0.32	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
Bromoform	ND	1.0	0.46	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
Bromomethane	ND	2.0	0.78	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
tert-Butyl Alcohol (TBA)	ND	20	4.2	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
n-Butylbenzene	ND	1.0	0.21	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
sec-Butylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
tert-Butylbenzene	ND	1.0	0.17	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
Carbon Disulfide	ND	5.0	4.4	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
Carbon Tetrachloride	ND	5.0	0.11	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
Chlorobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
Chlorodibromomethane	ND	0.50	0.21	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
Chloroethane	ND	2.0	0.35	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
Chloroform	ND	2.0	0.17	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
Chloromethane	ND	2.0	0.45	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
2-Chlorotoluene	ND	1.0	0.12	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
4-Chlorotoluene	ND	1.0	0.14	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.53	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.19	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
Dibromomethane	ND	1.0	0.37	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
1,2-Dichlorobenzene	ND	1.0	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
1,3-Dichlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	0.31	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.26	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
1,1-Dichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
1,2-Dichloroethane	ND	1.0	0.41	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
1,1-Dichloroethylene	ND	1.0	0.32	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
cis-1,2-Dichloroethylene	ND	1.0	0.13	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.31	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
1,2-Dichloropropane	ND	1.0	0.20	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
1,3-Dichloropropane	ND	0.50	0.11	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
2,2-Dichloropropane	ND	1.0	0.20	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
1,1-Dichloropropene	ND	2.0	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
cis-1,3-Dichloropropene	ND	0.50	0.13	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
trans-1,3-Dichloropropene	ND	0.50	0.23	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
Diethyl Ether	ND	2.0	0.34	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Kingston Brownfield | Sample Description: | Work Order: 19K0535

Date Received: 11/8/2019

Field Sample #: MW-5 | Sampled: 11/6/2019 12:35

Sample ID: 19K0535-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	0.17	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
Ethylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
Hexachlorobutadiene	ND	0.60	0.47	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
2-Hexanone (MBK)	ND	10	1.5	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.17	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.20	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
Methyl Acetate	ND	1.0	0.42	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.25	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
Methyl Cyclohexane	ND	1.0	0.20	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
Methylene Chloride	ND	5.0	0.34	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.7	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
Naphthalene	ND	2.0	0.31	µg/L	1	V-05	SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
n-Propylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
Styrene	ND	1.0	0.11	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	0.27	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.22	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
Tetrachloroethylene	1.3	1.0	0.18	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
Tetrahydrofuran	ND	10	0.51	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
Toluene	ND	1.0	0.14	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.57	µg/L	1	UJ L-04, V-05	SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.40	µg/L	1	V-05	SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
1,3,5-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
1,1,1-Trichloroethane	ND	1.0	0.20	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
1,1,2-Trichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
Trichloroethylene	ND	1.0	0.24	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.33	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
1,2,3-Trichloropropane	ND	2.0	0.25	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.32	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
1,2,4-Trimethylbenzene	ND	1.0	0.18	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
1,3,5-Trimethylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
Vinyl Chloride	ND	2.0	0.45	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
m+p Xylene	ND	2.0	0.30	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH
o-Xylene	ND	1.0	0.17	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 6:48	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	97.1	70-130		11/13/19 6:48
Toluene-d8	98.0	70-130		11/13/19 6:48
4-Bromofluorobenzene	94.8	70-130		11/13/19 6:48

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Kingston Brownfield | Sample Description: | Work Order: 19K0535

Date Received: 11/8/2019

Field Sample #: MW-6 | Sampled: 11/5/2019 14:45

Sample ID: 19K0535-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	3.8	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
Acrylonitrile	ND	5.0	0.52	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.14	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
Bromobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
Bromochloromethane	ND	1.0	0.32	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
Bromoform	ND	1.0	0.46	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
Bromomethane	ND	2.0	0.78	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
tert-Butyl Alcohol (TBA)	ND	20	4.2	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
n-Butylbenzene	ND	1.0	0.21	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
sec-Butylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
tert-Butylbenzene	ND	1.0	0.17	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
Carbon Disulfide	ND	5.0	4.4	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
Carbon Tetrachloride	ND	5.0	0.11	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
Chlorobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
Chlorodibromomethane	ND	0.50	0.21	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
Chloroethane	ND	2.0	0.35	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
Chloroform	0.24	2.0	0.17	µg/L	1	J	SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
Chloromethane	ND	2.0	0.45	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
2-Chlorotoluene	ND	1.0	0.12	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
4-Chlorotoluene	ND	1.0	0.14	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.53	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.19	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
Dibromomethane	ND	1.0	0.37	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
1,2-Dichlorobenzene	ND	1.0	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
1,3-Dichlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	0.31	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.26	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
1,1-Dichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
1,2-Dichloroethane	ND	1.0	0.41	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
1,1-Dichloroethylene	ND	1.0	0.32	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
cis-1,2-Dichloroethylene	ND	1.0	0.13	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.31	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
1,2-Dichloropropane	ND	1.0	0.20	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
1,3-Dichloropropane	ND	0.50	0.11	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
2,2-Dichloropropane	ND	1.0	0.20	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
1,1-Dichloropropene	ND	2.0	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
cis-1,3-Dichloropropene	ND	0.50	0.13	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
trans-1,3-Dichloropropene	ND	0.50	0.23	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
Diethyl Ether	ND	2.0	0.34	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Kingston Brownfield | Sample Description: | Work Order: 19K0535

Date Received: 11/8/2019

Field Sample #: MW-6 | Sampled: 11/5/2019 14:45

Sample ID: 19K0535-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	0.17	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
Ethylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
Hexachlorobutadiene	ND	0.60	0.47	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
2-Hexanone (MBK)	ND	10	1.5	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.17	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.20	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
Methyl Acetate	ND	1.0	0.42	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.25	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
Methyl Cyclohexane	ND	1.0	0.20	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
Methylene Chloride	ND	5.0	0.34	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.7	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
Naphthalene	ND	2.0	0.31	µg/L	1	V-05	SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
n-Propylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
Styrene	ND	1.0	0.11	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	0.27	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.22	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
Tetrachloroethylene	12	1.0	0.18	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
Tetrahydrofuran	ND	10	0.51	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
Toluene	ND	1.0	0.14	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.57	µg/L	1	UJ L-04, V-05	SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.40	µg/L	1	V-05	SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
1,3,5-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
1,1,1-Trichloroethane	ND	1.0	0.20	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
1,1,2-Trichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
Trichloroethylene	12	1.0	0.24	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.33	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
1,2,3-Trichloropropane	ND	2.0	0.25	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.32	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
1,2,4-Trimethylbenzene	ND	1.0	0.18	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
1,3,5-Trimethylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
Vinyl Chloride	ND	2.0	0.45	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
m+p Xylene	ND	2.0	0.30	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH
o-Xylene	ND	1.0	0.17	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:15	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	94.8	70-130		11/13/19 7:15
Toluene-d8	99.9	70-130		11/13/19 7:15
4-Bromofluorobenzene	96.6	70-130		11/13/19 7:15

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Kingston Brownfield | Sample Description: | Work Order: 19K0535

Date Received: 11/8/2019

Field Sample #: DUP | Sampled: 11/6/2019 00:00

Sample ID: 19K0535-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	3.8	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
Acrylonitrile	ND	5.0	0.52	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.14	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
Bromobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
Bromochloromethane	ND	1.0	0.32	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
Bromoform	ND	1.0	0.46	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
Bromomethane	ND	2.0	0.78	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
tert-Butyl Alcohol (TBA)	ND	20	4.2	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
n-Butylbenzene	ND	1.0	0.21	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
sec-Butylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
tert-Butylbenzene	ND	1.0	0.17	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
Carbon Disulfide	ND	5.0	4.4	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
Carbon Tetrachloride	ND	5.0	0.11	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
Chlorobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
Chlorodibromomethane	ND	0.50	0.21	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
Chloroethane	ND	2.0	0.35	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
Chloroform	ND	2.0	0.17	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
Chloromethane	ND	2.0	0.45	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
2-Chlorotoluene	ND	1.0	0.12	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
4-Chlorotoluene	ND	1.0	0.14	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.53	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.19	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
Dibromomethane	ND	1.0	0.37	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
1,2-Dichlorobenzene	ND	1.0	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
1,3-Dichlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	0.31	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.26	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
1,1-Dichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
1,2-Dichloroethane	ND	1.0	0.41	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
1,1-Dichloroethylene	ND	1.0	0.32	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
cis-1,2-Dichloroethylene	ND	1.0	0.13	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.31	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
1,2-Dichloropropane	ND	1.0	0.20	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
1,3-Dichloropropane	ND	0.50	0.11	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
2,2-Dichloropropane	ND	1.0	0.20	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
1,1-Dichloropropene	ND	2.0	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
cis-1,3-Dichloropropene	ND	0.50	0.13	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
trans-1,3-Dichloropropene	ND	0.50	0.23	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
Diethyl Ether	ND	2.0	0.34	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Kingston Brownfield | Sample Description: | Work Order: 19K0535

Date Received: 11/8/2019

Field Sample #: DUP | Sampled: 11/6/2019 00:00

Sample ID: 19K0535-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	0.17	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
Ethylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
Hexachlorobutadiene	ND	0.60	0.47	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
2-Hexanone (MBK)	ND	10	1.5	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.17	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.20	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
Methyl Acetate	ND	1.0	0.42	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.25	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
Methyl Cyclohexane	ND	1.0	0.20	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
Methylene Chloride	ND	5.0	0.34	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.7	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
Naphthalene	ND	2.0	0.31	µg/L	1	V-05	SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
n-Propylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
Styrene	ND	1.0	0.11	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	0.27	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.22	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
Tetrachloroethylene	1.1	1.0	0.18	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
Tetrahydrofuran	ND	10	0.51	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
Toluene	ND	1.0	0.14	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.57	µg/L	1	UJ L-04, V-05	SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.40	µg/L	1	V-05	SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
1,3,5-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
1,1,1-Trichloroethane	ND	1.0	0.20	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
1,1,2-Trichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
Trichloroethylene	ND	1.0	0.24	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.33	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
1,2,3-Trichloropropane	ND	2.0	0.25	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.32	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
1,2,4-Trimethylbenzene	ND	1.0	0.18	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
1,3,5-Trimethylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
Vinyl Chloride	ND	2.0	0.45	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
m+p Xylene	ND	2.0	0.30	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH
o-Xylene	ND	1.0	0.17	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 7:41	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	92.1	70-130		11/13/19 7:41
Toluene-d8	96.8	70-130		11/13/19 7:41
4-Bromofluorobenzene	92.1	70-130		11/13/19 7:41

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Kingston Brownfield | Sample Description: | Work Order: 19K0535

Date Received: 11/8/2019

Field Sample #: 615 Broadway soil | Sampled: 11/6/2019 13:11

Sample ID: 19K0535-08

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	94.0		% Wt	1		SM 2540G	11/12/19	11/12/19 16:14	adb

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Kingston Brownfield | Sample Description: | Work Order: 19K0535

Date Received: 11/8/2019

Field Sample #: 615 Broadway soil | Sampled: 11/6/2019 13:11

Sample ID: 19K0535-08

Sample Matrix: Soil

TCLP - Metals Analyses

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	ND	0.10	0.0060	mg/L	1		SW-846 6010D	11/13/19	11/13/19 21:15	TBC

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Kingston Brownfield | Sample Description: | Work Order: 19K0535

Date Received: 11/8/2019

Field Sample #: Trip Blank | Sampled: 11/6/2019 00:00

Sample ID: 19K0535-09

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	3.8	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
Acrylonitrile	ND	5.0	0.52	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.14	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
Bromobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
Bromochloromethane	ND	1.0	0.32	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
Bromoform	ND	1.0	0.46	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
Bromomethane	ND	2.0	0.78	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
tert-Butyl Alcohol (TBA)	ND	20	4.2	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
n-Butylbenzene	ND	1.0	0.21	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
sec-Butylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
tert-Butylbenzene	ND	1.0	0.17	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
Carbon Disulfide	ND	5.0	4.4	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
Carbon Tetrachloride	ND	5.0	0.11	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
Chlorobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
Chlorodibromomethane	ND	0.50	0.21	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
Chloroethane	ND	2.0	0.35	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
Chloroform	ND	2.0	0.17	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
Chloromethane	ND	2.0	0.45	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
2-Chlorotoluene	ND	1.0	0.12	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
4-Chlorotoluene	ND	1.0	0.14	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.53	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.19	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
Dibromomethane	ND	1.0	0.37	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
1,2-Dichlorobenzene	ND	1.0	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
1,3-Dichlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	0.31	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.26	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
1,1-Dichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
1,2-Dichloroethane	ND	1.0	0.41	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
1,1-Dichloroethylene	ND	1.0	0.32	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
cis-1,2-Dichloroethylene	ND	1.0	0.13	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.31	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
1,2-Dichloropropane	ND	1.0	0.20	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
1,3-Dichloropropane	ND	0.50	0.11	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
2,2-Dichloropropane	ND	1.0	0.20	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
1,1-Dichloropropene	ND	2.0	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
cis-1,3-Dichloropropene	ND	0.50	0.13	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
trans-1,3-Dichloropropene	ND	0.50	0.23	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
Diethyl Ether	ND	2.0	0.34	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Kingston Brownfield | Sample Description: | Work Order: 19K0535

Date Received: 11/8/2019

Field Sample #: Trip Blank | Sampled: 11/6/2019 00:00

Sample ID: 19K0535-09

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	0.17	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
Ethylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
Hexachlorobutadiene	ND	0.60	0.47	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
2-Hexanone (MBK)	ND	10	1.5	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.17	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.20	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
Methyl Acetate	ND	1.0	0.42	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.25	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
Methyl Cyclohexane	ND	1.0	0.20	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
Methylene Chloride	ND	5.0	0.34	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.7	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
Naphthalene	ND	2.0	0.31	µg/L	1	V-05	SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
n-Propylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
Styrene	ND	1.0	0.11	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	0.27	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.22	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
Tetrachloroethylene	ND	1.0	0.18	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
Tetrahydrofuran	ND	10	0.51	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
Toluene	ND	1.0	0.14	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.57	µg/L	1	UJ L-04, V-05	SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.40	µg/L	1	V-05	SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
1,3,5-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
1,1,1-Trichloroethane	ND	1.0	0.20	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
1,1,2-Trichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
Trichloroethylene	ND	1.0	0.24	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.33	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
1,2,3-Trichloropropane	ND	2.0	0.25	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.32	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
1,2,4-Trimethylbenzene	ND	1.0	0.18	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
1,3,5-Trimethylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
Vinyl Chloride	ND	2.0	0.45	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
m+p Xylene	ND	2.0	0.30	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH
o-Xylene	ND	1.0	0.17	µg/L	1		SW-846 8260C-D	11/12/19	11/13/19 1:57	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	95.6	70-130		11/13/19 1:57	
Toluene-d8	98.2	70-130		11/13/19 1:57	
4-Bromofluorobenzene	91.3	70-130		11/13/19 1:57	