

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION



ENVIRONMENTAL SITE ASSESSMENT

Commerce Square Property
(aka Harrison Place)

City of Lockport, Niagara County
Site #932141



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New York State Department of Environmental Conservation
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COMMERCE SQUARE SITE ASSESSEMENT

1.0 Site Description and History

The Commerce Square site is located in the City of Lockport, and is bounded on the north by Walnut Street, on the east by Washburn Street, on the south by South Street, and on the west by a parking lot (see Figures 1 and 2). At present, most of the building space is vacant, although portions are used by several small businesses and for storage.

The Commerce Square site was used from 1914 to 1987 by the Harrison Radiator Division of General Motors Corporation. The facility was used for the manufacture of copper and brass automobile parts including thermostats, vacuum and electrical switches, modulators, and heat exchangers. Processes reportedly included: metal pressing; metal stamping and forming; metal finishing and assembly; tin and lead soldering and brazing; parts washing and degreasing; injection molding; painting; heat treating; tool design; and quality control testing. At the time of plant closure, most of the equipment, materials, and other items were reportedly removed and either sold or transferred to another Harrison Radiator facility.

2.0 Previous Environmental Site Assessments

Phase I and Phase II Environmental Site Assessments (ESAs) were completed in July 2006 and June 2009, respectively. These ESAs were done through a Niagara County grant obtained from the USEPA Assessment Pilot program, and were done to aid in the rehabilitation efforts of the subject site and support redevelopment efforts in the area.

The Phase I examined the previous site closure documentation and evaluated potentially impacted areas of the site using existing site records. The Phase I documented the following environmental concerns associated with the previous site use: (1) use and storage of large quantities of liquids in underground storage tanks (USTs); (2) the potential for past discharges of solvents, paints, petroleum, and other materials used during the manufacture of automobile parts; (3) polychlorinated biphenyl (PCB) containing materials possibly remaining in some

transformers, light ballasts, and motors/turbines oil; (4) limited quantities of asbestos containing materials and lead-based paint associated with the structures; and (5) parts cleaning and storage in some outside areas.

The Phase II included soil borings and soil sampling outside of the buildings, in the vicinity of known or suspected USTs. While the USTs were reportedly closed in place, some USTs in the Walnut Street right-of-way were later removed in 2005 as part of NYSDEC Spill #9975547 response work. This work reportedly removed three USTs and 145 tons of petroleum impacted soils from this area of the site.

The Phase II soil samples indicated that various VOCs and SVOCs were present in soils in the vicinity of the USTs, but concentrations of the VOC and SVOC contaminants were below NYSDEC Part 375 residential soil cleanup objectives.

3.0 Objectives of the Environmental Site Assessment

The previous ESAs that were performed at the Commerce Square site were limited in scope, and only included general conclusions on the possible environmental impacts from previous site activities.

This Environmental Site Assessment was performed to provide a more comprehensive characterization of the various site media. The assessment included an examination of soils under all known and suspected industrial processing areas (buildings #2, #3, and #4), as well as various exterior property locations that had not been previously characterized (south and west of building 4). The assessment also included an examination of the uppermost significant groundwater zone – the upper bedrock.

4.0 Scope of the Environmental Site Assessment

Using the available building plan sheets, the known and suspected industrial process areas of the property were identified. Floor locations were marked throughout buildings #2, #3 and #4. The

locations were marked after an inspection of the building interiors, and the locations accounted for overhead clearances, interior building partitions, site utilities, and roof drain systems which run beneath the floors. The location and number of floor penetrations were marked with respect to these factors, as well as an attempt to achieve approximately equal spacing. A portable concrete coring machine was then used to penetrate the concrete floor at each location. Several additional soil borings were also selected in exterior locations to the south and west of Building #4.

Soils were characterized using standard soil boring techniques. A track mounted percussion and hydraulically driven Geoprobe® system was used to access and sample soils at all property locations. All downrod samplers were decontaminated with Alconox and tap water and rinsed between boreholes. Disposable acetate sampling liners were used at each location to extract the soil cores from the 2 inch sampling spoon. Each soil boring was advanced to a depth of at least 10 feet below the floor or ground elevation, or until spoon refusal. After retrieving the soil cores, the soil type(s) were logged by a geologist and each soil boring was examined for evidence of contamination. A photoionization (PID) detector was used to detect any volatile organic vapors present in the soils. Odors and other soil characteristics were also noted when logging the soil borings. Samples were collected from those soil boring intervals that exhibited evidence (odors and/or PID readings) of contaminants. The soil samples selected for analysis were sent to Test America Labs in Amherst, NY. The soils were analyzed for VOCs, SVOCs, PCBs, and metals using ASP Category B deliverables.

The ground water monitoring wells were installed after the completion of the interior building soil borings. Since the overburden soils are predominantly clay and silt, with very low permeability, it was determined that these soils would not yield sufficient groundwater for sampling. It was therefore determined that shallow bedrock groundwater monitoring wells would be the most appropriate means for determining whether there had been historic impacts to the site groundwater.

Ground water monitoring well locations were selected based upon the results of the interior building soil borings and upon the results of the previous site assessments. Groundwater flows

were believed to flow to the north, toward the Erie Canal. The monitoring well locations were selected based upon proximity to suspected or known areas of soil contaminants. These soil contaminant areas were generally in the western portion of the site, near the former underground storage tanks.

Four ground water monitoring well locations were selected (see figure 3 for locations). Overburden soils were logged at each well location using a standard 2 inch spilt spoon sampler. Hollow stem augers were advanced to the top of bedrock, and a roller bit was then used to create a “socket” in the top of bedrock. Each well was constructed with a 4 inch diameter steel casing grouted into the rock socket. After the grout had cured, the bedrock was cored with an HQ (3 inch diameter) rock core barrel. The bedrock cores were examined and logged by a geologist, and the final well depth at each location was determined through an examination of the bedrock fractures. The bedrock wells were finished as “open-hole” bedrock wells, and the surfaces finished with flush mounted, sealed, “road box” covers.

The monitoring wells were developed on April 23, 2010. To develop the monitoring wells, an amount of water was pumped from each well that was approximately equal to 10 well volumes, plus the estimated volume of any drilling water lost during bedrock coring. All development water was placed in 55 gallon steel drums for subsequent disposal. Well development logs are contained in Appendix A.

The monitoring wells were sampled on May 21, 2010. At least three well volumes of water were purged from each well prior to sampling. Each well was then sampled using a disposable plastic bailer. Water samples were taken to Test America Labs in Amherst, NY for analysis that included VOCs, SVOCs, PCBs, and metals. Well sampling logs are contained in Appendix B.

5.0 Results of the Environmental Site Assessment

Soil boring activities within buildings #2, #3, and #4 were performed from February 18 – February 25, 2010. Since materials were stored in various locations within buildings #2 and #4, the soil boring locations were spaced accordingly within these buildings. The total number of

soil boring within each of the buildings were as follows: 19 borings within building #2, 27 borings within building #3, and 13 borings within building #4. The approximate locations of the soil borings are depicted in Figure 3.

In order to determine soil types and overburden depth, the first soil boring in each building was completed until refusal (at the bedrock surface). After the initial boring, the soil borings at all other locations were generally installed to a minimum depth of 10 feet. Soil samples were collected for laboratory analysis from those locations exhibiting evidence of contamination – through either visual, olfactory, or instrument means. All soil boring logs are contained in Appendix C. All analytical soil data is contained in Appendix D.

5.1 Soils Beneath Building #2

Building #2 had a variety of uses by Harrison Radiator, including: loading/shipping docks, storage, packaging, kitchen and cafeteria facilities, a plant hospital, etc. It is a three story structure, and the ground floor contains a series of partition walls which divide that floor into various rooms. The floor elevations within building #2 vary, and the floors are connected by ramps or stairs. Other than some areas which were used for storage, and the vertical columns which support the upper floors, the majority of building #2 was open and accessible.

A total of 19 soil borings were completed in building #2. The concrete floor was between 6 – 14 inches thick at the boring locations. In general, the profile of the subsurface under building #2 consisted of about 1.5 feet of concrete and gravel over about 17 feet of silt and clay. The silt and clay soils under building #2 were generally dry, however there were some moist and wet soil intervals noted. The silt soils were typically dry. Some of the clay encountered was moist with a high plasticity. There was no visual evidence (discoloration, etc) of contamination within any soils under this building.

Of the 19 soil borings completed within building #2, odors were noted within soils in only one location: B2-05. At a depth of approximately 7-8.5 feet, faint odors were noted from soils which were similar to petroleum or fuel oil. These soils had PID readings up to 22 ppm. A sample of

the soils from this interval was collected and sent to Test America for laboratory analysis. Other than acetone and methylene chloride (which are common “false positives” which are more likely the result of sample bottle cleaning), there were no detections of volatile organic, semi-volatile organic, or PCB contaminants. Metals concentrations were typical of those normally associated with native silt and clay, and were generally below Part 375 Unrestricted Use Soil Cleanup Objectives (SCOs).

While odors were only detected from soils at B2-05, soils at two other locations within building #2 had PID readings. In the 7-10 foot depth interval at location B2-16, PID readings of up to 18 ppm were noted. In the 11-15 foot depth interval at location B2-18, PID readings of up to 62 ppm were noted. All of the slightly elevated PID readings at these two locations were noted within relatively dense, silty soils.

5.2 Soils Beneath Building #3

Building #3 was the main production and assembly building for Harrison Radiator. It is a three story structure with an open, full height center section, which runs the full length of the building. This open center section contains an overhead crane, which is located directly beneath a continuous skylight. The second and third floors of building #3 are located on the north and south sides of the building.

Building #3 has a series of vertical columns on both the north and south sides of the building which support the upper floors, but otherwise the building is completely open. The concrete floor was generally level, and any previous floor drains, pits, or other building features have since been filled and leveled.

In general, the concrete floor of building #3 was 6 – 12 inches thick at the boring locations. However, certain areas of the floor within this building were thicker than 12 inches. Floor coring at several locations within building #3 was attempted and abandoned after reaching the maximum depth of the portable coring machine (approx. 18 inches). These thicker floor locations may have corresponded with building footers, or with the former walls of unknown

sub-grade features.

A total of 27 soil borings were completed in this building. In general, the profile of the subsurface under building #3 consisted of about 2 feet of concrete and gravel over about 18 feet of silt and clay. The silt and clay soils under building #3 were generally dry, however there were some moist to wet intervals noted. The silty soils in the 7-10 foot depth range were typically dry and very dense. This depth interval took much longer to penetrate with the Geoprobe due to its density. There was no visual evidence (discoloration, etc) of contamination within any soils under building #3.

Slight odors were noted in two of the locations within building #3: B3-09 and B3-13. These two locations also had PID readings of up to 88ppm. Two other locations, B3-16 and B3-18, had PID readings (up to 72ppm), but no odors were detected at these locations. The odors and/or PID detections at locations B3-09, B3-13, and B3-18 were generally noted within the 6-10 foot depth interval, which corresponded with the dense silt layer. Soils at location B3-16 were not native. The soil from this location was coarse sand – most likely a fill material. The Geoprobe sampler hit refusal at about 7 feet below grade at B3-16, which suggests that this location may have corresponded to a former sump, trench, or pit within this building that was later filled.

The soil intervals with the highest PID readings at locations B3-16 and B3-18 were collected and sent to Test America for laboratory analysis. Soil at both of these locations contained various contaminants typically associated with organic solvents. B3-16 contained the following VOCs: tetrachloroethene (up to 15 ppb), trichloroethene (up to 4.9 ppb), 1,1 dichloroethane (up to 3.6 ppb), and cis-1,2 dichloroethene (up to 310 ppb). B3-18 contained the following VOCs: trichloroethene (up to 1,160 ppb), 1,1,2-trichloroethane (up to 4.5 ppb), and cis-1,2 dichloroethene (up to 43 ppb). None of these volatile organic compounds were detected above Part 375 restricted use - residential soil cleanup objectives (SCOs).

Both B3-16 and B3-18 soils reportedly had low concentrations of the semi-volatile organic compounds bis(2-ethylhexyl)phthalate and diethylphthalate. However, these two compounds are common in the latex gloves that were used during sampling, so it is very likely that these

contaminants were introduced during sample collection and not actually present in the soils. Metals concentrations within soils from these locations were generally below Part 375 Unrestricted Use SCOs. No PCBs were detected within any of the building #3 soils that were sampled. Table 1 contains a summary of the contaminants detected in Building #3 soils and a comparison to applicable Part 375 Soil Cleanup Objectives.

5.3 Building #4

Building #4 had a variety of uses by Harrison Radiator, including mechanical labs and product testing facilities. The ground floor at one time included wind tunnels and other mechanical testing facilities. Like the other plant facility buildings, it is also a three story structure. Other than some areas which are used for storage, and some electrical rooms, the majority of the ground floor in building #4 was open and accessible.

A total of 13 soil borings were completed in this building. The concrete floor was generally from 5 – 10 inches thick within building #4. Soils beneath the western portion of this building were comprised of up to 10 feet of various fill materials, including: sand, gravel, wood, stone cobbles, and asphalt shingles. Bedrock was encountered at about 20 feet under the western portion of the building. Much of the soil fill materials encountered under the western end of this building were dry, however there were some moist to wet intervals noted. Soils under the eastern end of building #4 were generally dry, stiff clay. This clay extended to a depth of up to 13 feet. Bedrock was present under the eastern end of this building at depths between 9.4 -13.5 feet. There was no visual evidence (discoloration, etc) of contamination within any soils under building #4.

Odors were noted within soils from two building #4 locations: B4-09 and B4-13. At location B4-09, at a depth of approximately 9 feet, odors were noted that were similar to petroleum or fuel oil. These soils had PID readings up to 17ppm. At location B4-13, at a depth of approximately 1 foot, odors were noted that were similar to solvents. These soils had PID readings up to 21 ppm. Samples of these soils were collected and sent for laboratory analysis.

Other than acetone and methylene chloride (which are commonly reported “false positives” associated with sample bottle glassware cleaning), there were no detections of volatile organic contaminants within soils from location B4-09. Several semi-volatile organic compounds were detected from these soils in low concentrations: biphenyl at 46 ppb, fluorethene at 16 ppb, phenanthrene at 59 ppb, and bis(2-ethylhexyl) phthalate at 700 ppb. All concentrations of SVOCs detected were below Part 375 unrestricted use SCOs. No PCBs were detected within soils from location B4-09. Metals concentrations were typical of those normally associated with native silt and clay, and were generally below Part 375 unrestricted use SCOs.

In addition to acetone and methylene chloride, the soils from location B4-13 also contained tetrachloroethylene at 2.8 ppb. No semi-volatile organic contaminants were detected within soils from location B4-13. No PCBs were detected within soils from location B4-13. Metals concentrations were typical of those normally associated with native silt and clay, and were generally below Part 375 unrestricted use SCOs. Table 2 contains a summary of the contaminants detected in Building #4 soils and a comparison to applicable Part 375 Soil Cleanup Objectives.

5.4 Exterior Soil Borings

As part of the previous 2009 Phase II Assessment, nine soil borings were performed in the vicinity of the reported underground storage tanks (see Figure 5). Soil from some of these borings contained petroleum and solvent constituents. Since the southwest and far western portion of the property was not included in the 2009 Phase II work, additional soil borings were completed in 2010 on these areas of the property. The results of the soil sampling from exterior locations are summarized in Table 3.

On April 20, 2010 nine soil borings were completed in the southwestern and far western parking lot areas of the property (see Figure 3 for locations). Of these nine soil borings, only boring GPO-3, located near the southern facility entrance gate, had soils with any evidence of contaminants. This location was in close proximity to an area that reportedly contained three fuel oil USTs, all of which were reportedly removed in 1987. At location GPO-3, soils from a

depth of 6-8 feet had the highest PID readings, at up to 500 ppm. A petroleum type odor was noted, and a solvent type odor was also suspected.

Samples of the soils from this location were taken from both the 6-8 foot and the 10-12 foot depth intervals, and were analyzed by Test America labs. Both the soil samples indicated gasoline constituents, including: benzene (up to 200 ppb), toluene (up to 290 ppb), ethylbenzene (up to 170 ppb), xylene (up to 860 ppb), naphthalene (up to 93 ppb), and 2-methylnaphthalene (up to 130 ppb). In addition, some trace concentrations of solvents were detected, including: tetrachloroethene at 2ppb, and cis-1,2-dichloroethene at 42ppb. While soils from this location had detectable odors, the contaminant concentrations within the soils were below Part 375 restricted use – residential SCOs.

Soil boring locations GPO-4 and GPO-5, located just south of building #4, encountered fill materials (sand, brick, cinders, etc.). Hard materials within this fill limited the boring depth to about 8 feet. No odors or PID readings were noted within this fill material.

Soil boring locations GPO-6, GPO-7, GPO-8, and GPO-9 generally had clay soils to a depth of approximately 13 feet. Wet sands were noted below the clay to the termination depth of these borings, which was at 15 feet. Based upon the soil logs developed for bedrock well BR-4, it was known that the sand interval in this area of the property extends to the top of the bedrock, which was noted at a depth of about 22 feet. No odors or PID readings were noted from any of these locations.

5.5 Groundwater Sampling Results

The four bedrock groundwater wells were sampled on May 21, 2010. The results of the sampling are summarized in Table 4. The groundwater analytical data is included in Appendix E. The groundwater elevations were measured within all installed bedrock monitoring wells, and indicate that the groundwater flow direction within the upper bedrock is toward the northeast. The regional hydraulic discharge point in Lockport is the Erie Canal, which is located approximately 1000 feet northeast of the site. It is clear from the groundwater elevation

information that shallow bedrock groundwater at the site flows toward the Erie Canal.

Groundwater from location BR-1, located near the southwest corner of the property, had trace concentrations of several VOCs and SVOCs, including gasoline constituents (MTBE and naphthalene). However, all VOC and SVOC contaminants detected at this location were below NYSDEC Class GA groundwater standards and guidance. Metals detected in BR-1 groundwater were present in very low concentrations, also below NYSDEC Class GA standards.

Groundwater from location BR-2, located near the former underground storage tanks near the south-central plant gate, had concentrations of several VOCs. The compounds detected included trace concentrations of gasoline constituents, and higher concentrations of solvent constituents. The gasoline constituents detected in groundwater at BR-2 included benzene (78 ppb vs. GA standard of 5 ppb), as well as trace concentrations (below GA standards) of toluene (GA standard of 5 ppb), and ethylbenzene (GA standard of 5 ppb). The highest concentrations of solvent constituents detected at BR-2 included trichloroethene and its associated breakdown products (cis and trans-1,2-dichloroethene and vinyl chloride). Trichloroethene was detected in groundwater at this location at 130 ppb (vs. GA standard of 5 ppb). Cis and trans-1,2-dichloroethene were detected in groundwater at this location up to 350 ppb (vs. GA standard of 5 ppb), and vinyl chloride was detected at 25 ppb (vs. GA standard of 2 ppb). Metals detected in BR-2 groundwater were present in very low concentrations, below NYSDEC Class GA standards.

Groundwater from location BR-3, located near the former underground storage tanks near the north-central plant gate, had concentrations of several VOCs and SVOCs. The VOC compounds detected included trace concentrations of gasoline constituents, with higher concentrations of solvent constituents. The gasoline constituents detected in groundwater at BR-3 included benzene (41 ppb vs. GA standard of 5 ppb), toluene (21 ppb vs. standard of 5 ppb), and xylenes (14 ppb vs. standard of 5 ppb), as well as a trace concentration of ethylbenzene (below the GA standard of 5 ppb). The highest concentrations of solvent constituents included tetrachloroethene, trichloroethene, and its associated breakdown products (cis and trans-1,2-dichloroethene and vinyl chloride). Tetrachloroethene was detected in groundwater at this

location at 91 ppb (vs. standard of 5 ppb). Trichloroethene was detected in groundwater at this location at 3900 ppb (vs. GA standard of 5 ppb). Cis and trans-1,2-dichloroethene were detected in groundwater at this location at up to 640 ppb (vs. GA standard of 5 ppb), and vinyl chloride was detected at 27 ppb (vs. GA standard of 2 ppb).

The SVOC compounds detected in groundwater at BR-3 above GA standards and guidance values included benzo(a)pyrene at 1.7 ppb (vs. non-detect standard), benzo(a)anthracene at 1.8 ppb (vs standard of 0.002 ppb), benzo(b)fluoranthene (1.8 ppb vs. GA guidance of 0.002 ppb), chrysene (1.5 ppb vs. GA guidance of 0.002 ppb), and indeno(1,2,3-cd)pyrene at 0.88 ppb (vs. GA guidance of 0.002 ppb). Metals detected in groundwater at BR-3 were present in very low concentrations, below NYSDEC Class GA standards.

Groundwater from location BR-4, located at the northwestern corner of the property, also had concentrations of several VOCs. The VOC compounds detected included solvent constituents. The highest concentrations of solvent constituents included trichloroethene, and its associated breakdown products (cis and trans-1,2-dichloroethene, 1,1-dichloroethene, 1,1-dichloroethane, and vinyl chloride). Trichloroethene was detected in groundwater at this location at 1700 ppb (vs. GA standard of 5 ppb). Cis and trans-1,2-dichloroethene were detected in groundwater at this location at up to 2400 ppb (vs. GA standard of 5 ppb). Vinyl chloride was detected at 37 ppb (vs. GA standard of 2 ppb). Metals detected in groundwater at BR-4 were present in very low concentrations, below NYSDEC Class GA standards.

5.6 Building Floor Restoration

Following soil boring activities, the concrete floors in all buildings were repaired. The soil boring holes were first filled with granular bentonite to a level just below the bottom of the surrounding concrete floor. After placement of the bentonite backfill, the floor was filled with lifts of high strength concrete, and manually compacted. The floor surface was then finished similar to what was encountered at each location prior to the start of the work.

5.7 Soil and Water Disposal

All soil boring materials were placed in 55 gallon drums for disposal. A total of 12 55-gallon drums of soils were generated and temporarily stored in the southwest corner of the property. These soils were sampled for disposal purposes and sent off site for proper disposal. Disposal manifests are found in Appendix F. The disposable non site media, such as personal protective equipment, used acetate soil core sleeves, etc, were also disposed properly at an off-site disposal facility.

The development and purge water from the four ground water monitoring wells were placed in 22 55-gallon drums and stored in the southwest corner of the property. Most of the water within these drums was treated on-site with granular activated carbon prior to discharging (by permission from the City) to the City sanitary sewer system. The remainder of the water was transported off-site for appropriate disposal (see Appendix F).

5.8 Data Usability Summary Report (DUSR)

A Data Usability Summary Report (DUSR) was prepared by URS Corporation in August 2010. The primary objective of the DUSR is to determine whether or not the data, as presented, meets the site specific criteria for data quality and data use.

The DUSR is developed by reviewing and evaluating the analytical data packages. During the course of this review the following was evaluated:

- The data package was compared to the requirements for the NYSDEC ASP Category B or USEPA CLP deliverables;
- The sample holding times were evaluated;
- The QC data: blanks, instrument tunings, calibration standards, calibration verifications, surrogate recoveries, spike recoveries, replicate analyses, laboratory controls and sample data was evaluated with respect to the protocol required limits and specifications;
- The raw data was evaluated to confirm the results provided in the data summary sheets

and quality control verification forms; and

- The data qualifiers were evaluated.

With some minor exceptions, all sample analyses were found to be compliant with the method criteria. The DUSR is attached as Appendix G.

6.0 Conclusions from the Site Assessment

This Site Assessment was successful in providing a comprehensive characterization of the various site media. When combined with the previous Phase I and II site assessments of the Commerce Square site, this report provides a thorough assessment of the site soil and groundwater conditions.

6.1 Subsurface Soils Beneath Process Buildings

Buildings #2, #3, and #4 were used during former production activities (buildings 1 and 1A were offices). This Site Assessment included a comprehensive soil screening and sampling effort beneath the former production buildings. A total of 59 soil borings were completed under these buildings.

Soils under the buildings were generally native silts and clays, and were present to the top of bedrock. The soils were also generally dry, although there were some limited moist to wet intervals present. There was no visual evidence of contaminated soils (discolorations, free product, etc.) under the site buildings. Those soils with notable odors or those that registered high VOC concentrations when screened with a PID were selected for laboratory analysis.

Only one soil sample from beneath the buildings, B3-18, contained contaminants above Part 375 unrestricted use Soil Cleanup Objectives. The contaminants detected in this sample were VOCs, and all concentrations detected were below Part 375 restricted use – residential SCOs.

6.2 Exterior Subsurface Soils

Nine exterior building locations were selected for soil sampling. With the exception of two locations immediately south of building #4 (which were fill materials), the exterior soils were generally native silt and clay. Like the soils beneath the buildings, there was no visual evidence of soil contaminants.

Only one exterior soil location, GPO-3, located near the southern facility entrance gate, exhibited any evidence of contaminants. This location is in close proximity to an area of former underground storage tanks. Soils in this area contained several gasoline and solvent constituents, including VOC contaminants above Part 375 unrestricted use SCOs. However, all VOC concentrations detected in exterior subsurface soils were below Part 375 restricted use - residential SCOs.

6.3 Site Groundwater

The measured groundwater elevations from the installed bedrock groundwater monitoring wells confirm that the groundwater flow direction is toward the northeast. This was expected since the Erie Canal is located approximately 1000 feet northeast of the site.

Groundwater from location BR-1, located near the southwest corner of the property, had trace concentrations of gasoline constituents (MTBE and naphthalene). However, all contaminants detected at this location were below NYSDEC Class GA groundwater standards and guidance.

Groundwater from location BR-2, located near the former underground storage tanks near the south-central plant gate, had concentrations of several VOCs. The compounds detected included trace concentrations of gasoline constituents, and higher concentrations of solvent constituents. The following contaminants were detected above Class GA groundwater standards and guidance: benzene, trichloroethene, and associated breakdown products (cis and trans-1,2-dichloroethene and vinyl chloride).

Groundwater from location BR-3, located near the former underground storage tanks near the north-central plant gate, had concentrations of several VOCs and SVOCs. The VOC compounds that were detected included trace concentrations of gasoline constituents, with higher concentrations of solvent constituents. The following contaminants were detected above Class GA groundwater standards and guidance: benzene, xylenes, tetrachloroethene, trichloroethene, and its associated breakdown products (cis and trans-1,2-dichloroethene and vinyl chloride). The highest VOC concentration detected in groundwater at this location was Trichloroethene at 3900ppb. Several SVOCs were also detected in groundwater at BR-3 above GA standards and guidance values, including benzo(a)pyrene, benzo(a)anthracene at 1.8ppb, benzo(b)fluoranthene, chrysene, and indeno(1,2,3-cd)pyrene.

Groundwater from location BR-4, located at the northwestern corner of the property, also had concentrations of several VOCs. The VOC compounds detected were solvent constituents. The highest concentrations of solvent constituents included trichloroethene, and its associated breakdown products (cis and trans-1,2-dichloroethene, 1,1-dichloroethene, 1,1-dichloroethane, and vinyl chloride). The following contaminants were detected above Class GA groundwater standards and guidance: trichloroethene , Cis and trans-1,2-dichloroethene, and vinyl chloride.

6.4 General Conclusions

Based upon the soil and groundwater data, it is likely that the VOCs and SVOCs contaminants detected were derived from the release of petroleum and solvent products from the former USTs. There is no other evidence to suggest that there are any other contaminant source areas present on the site.

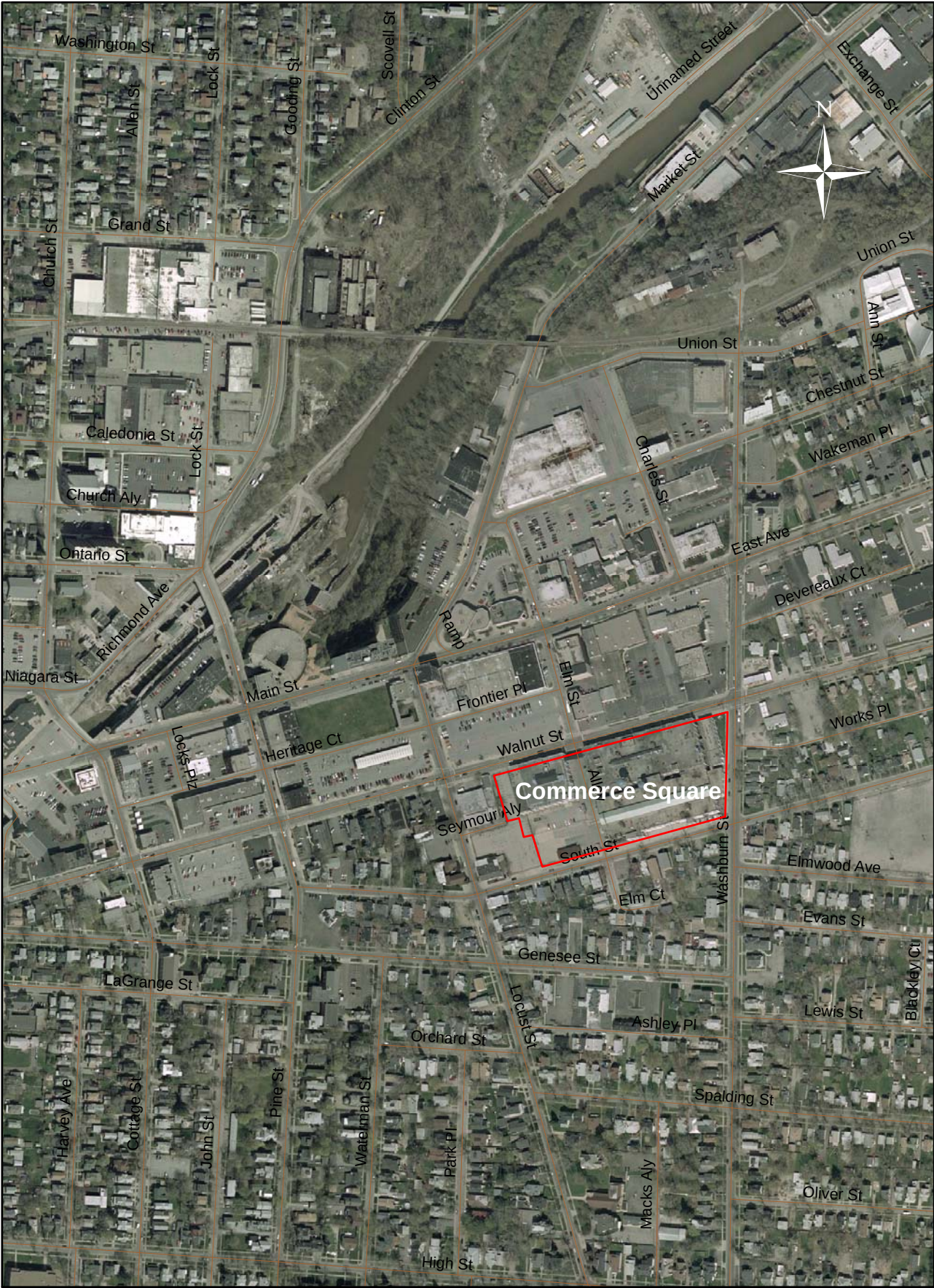
With the exception of small areas of localized soils in the vicinity of the former USTs, and location B3-18 under building #3, the site soils that were tested meet Part 375 unrestricted use soil cleanup objectives. Soils in the vicinity of the USTs and at location B3-18 may contain residual concentrations of petroleum and solvent constituents, but these concentrations are below Part 375 restricted use – residential SCOs.

Some groundwater impacts (also likely from former UST releases) are evident, most notably related to trichloroethene and its associated breakdown products. Trichloroethene was detected in site groundwater at up to 3.9 ppm. However, given the lack of any contaminant source areas, it is likely that the concentrations of trichloroethene and its associated breakdown products will continue to attenuate over time. The City of Lockport also provides treated water for drinking water purposes, so there are no human health related exposure pathways associated with the site groundwater.

6.5 Future Development and Property Use Considerations

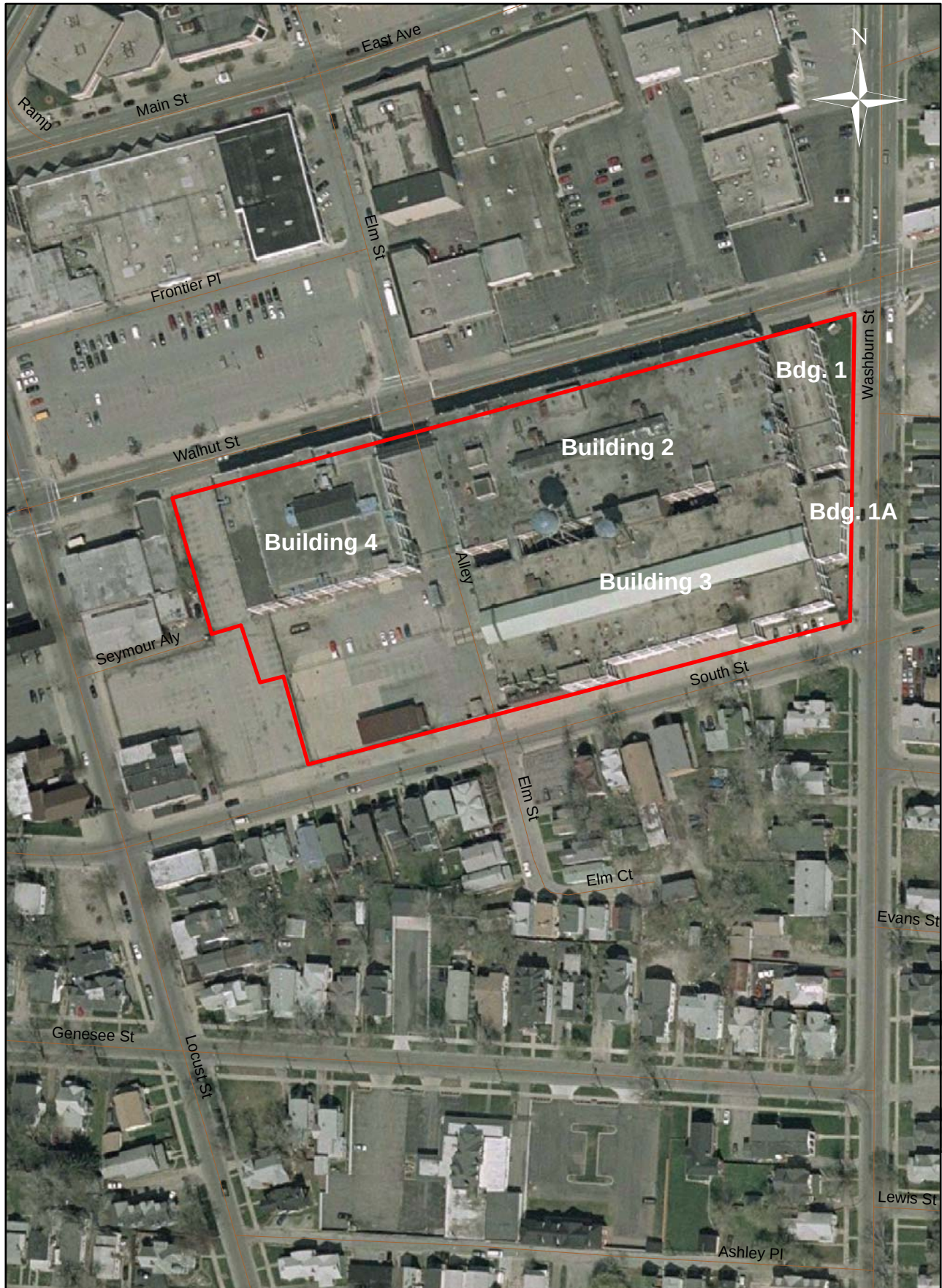
Should there be a need for future commercial or industrial use of the bedrock groundwater, appropriate groundwater treatment may be necessary. In the event that residential use of the ground floors of the buildings is considered, appropriate vapor intrusion mitigation measures may be required.

Figure 1
Commerce Square - Site Location



Approximate Scale: 1 inch = 500 feet

Figure 2
Commerce Square - Site Buildings



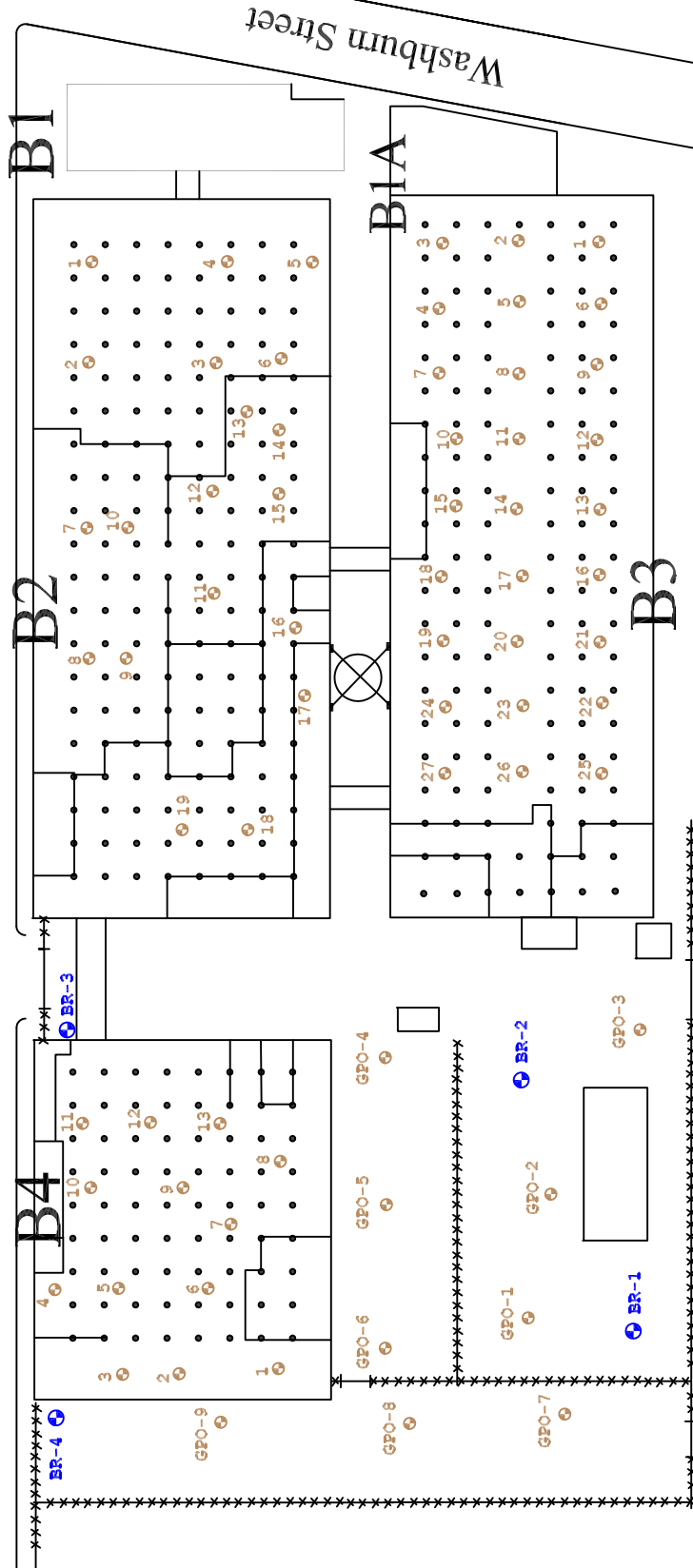
Approximate Scale: 1 inch = 170 feet



LEGEND

- GPO-4 SOIL BORING LOCATION
- B1 BUILDING NUMBER
- BR-4 MONITORING WELL LOCATION

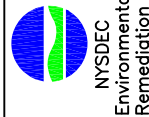
Walnut Street



South Street

COMMERCE SQUARE SITE (#932141)

Lockport, NY



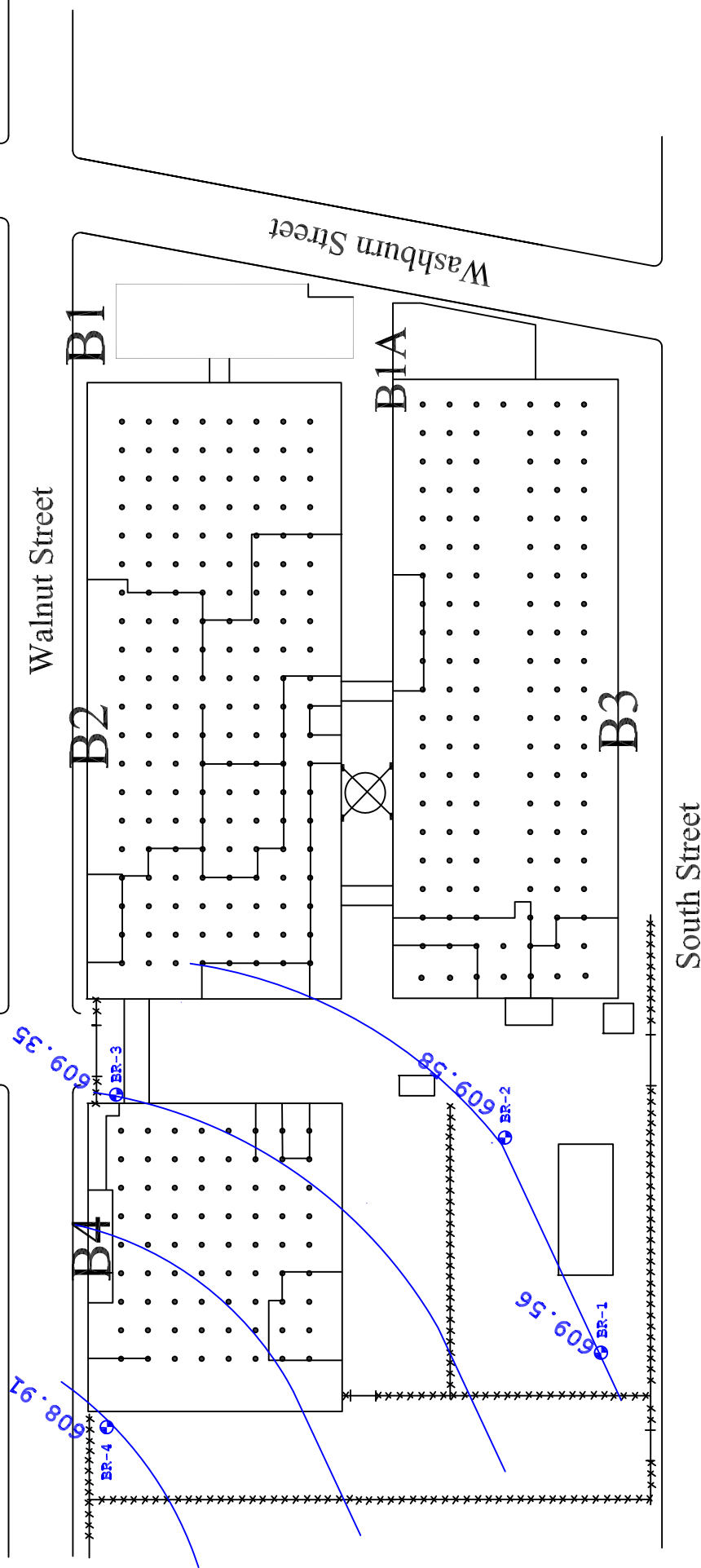
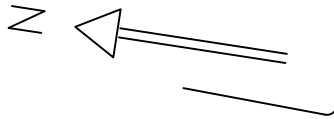
WELL/SOIL BORING LOCATIONS

FIGURE 3

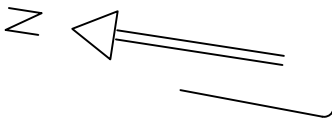
LEGEND

B1 BUILDING NUMBER

609.58 — GROUNDWATER ELEVATION



COMMERCE SQUARE SITE (#932141)	Lockport, NY	 NYSDEC Environmental Remediation	FIGURE 4
GROUNDWATER ELEVATIONS			



LEGEND

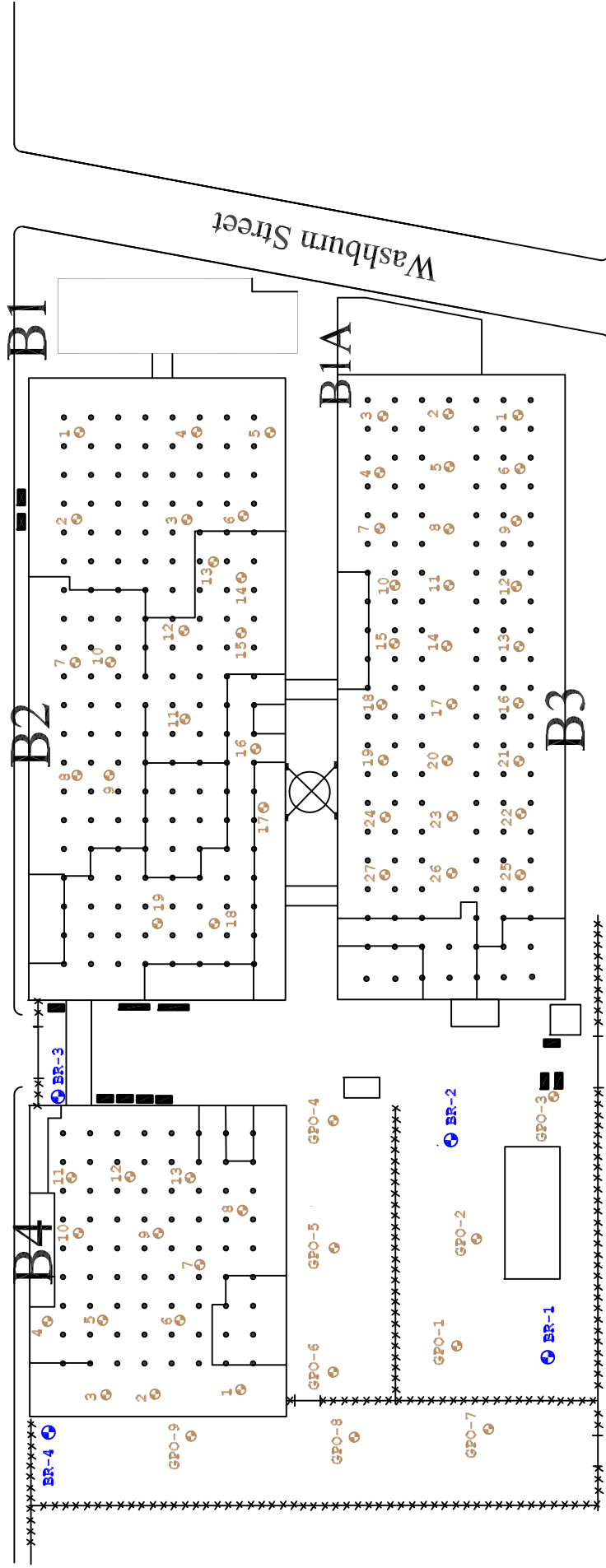
B1 BUILDING NUMBER

GPO-4 SOIL BORING LOCATION

BR-2 GROUNDWATER ELEVATION

REORTED UST LOCATION

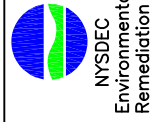
Walnut Street



South Street

COMMERCE SQUARE SITE (#932141)

Lockport, NY



REPORTED FORMER UST LOCATIONS

FIGURE 5

Table 1 - Summary of Contaminants Detected in Building #3 Subsurface Soils

Detected Constituents	Concentration Range Detected	Unrestricted SCG ^b	Frequency Exceeding Unrestricted SCG	Residential SCG ^c	Frequency Exceeding Residential SCG
VOCs					
tetrachlorethene	ND ^a – .015 ppm	1.3 ppm	0 of 2	5.5 ppm	0 of 2
trichloroethene	0.0049 – 1.16 ppm	0.47 ppm	1 of 2	10 ppm	0 of 2
1,1 dichloroethene	ND – 0.0036 ppm	0.33 ppm	0 of 2	100 ppm	0 of 2
cis-1,2 dichloroethene	0.043 – 0.31 ppm	0.25 ppm	1 of 2	59 ppm	0 of 2

Table 2 - Summary of Contaminants Detected in Building #4 Subsurface Soils

Detected Constituents	Concentration Range Detected	Unrestricted SCG ^b	Frequency Exceeding Unrestricted SCG	Residential SCG	Frequency Exceeding Residential SCG
VOCs					
tetrachlorethene	ND – 0.0028 ppm	1.3 ppm	0 of 2	5.5 ppm	0 of 2
SVOCs					
biphenyl	ND – 0.046 ppm	NS	0 of 2	NS	0 of 2
phenanthrene	ND – 0.059 ppm	100 ppm	0 of 2	100 ppm	0 of 2
flouranthene	ND – 0.016 ppm	100 ppm	0 of 2	100 ppm	0 of 2

^a ND – Non Detect

^b SCG – This Standard, Criteria, Guidance refers to Part 375 Soil Cleanup Objectives

Table 3 - Summary of Contaminants Detected in Exterior Subsurface Soils

Detected Constituents	Concentration Range Detected	Unrestricted SCG ^b	Frequency Exceeding Unrestricted SCG	Residential SCG	Frequency Exceeding Residential SCG
VOCs					
tetrachlorethene	ND ^a – 0.0025 ppm	1.3 ppm	0 of 2	5.5 ppm	0 of 2
benzene	0.017 – 0.2 ppm	0.06 ppm	1 of 2	2.9 ppm	0 of 2
toluene	0.13 – 0.29 ppm	0.7 ppm	0 of 2	100 ppm	0 of 2
xylene	0.42 – 0.860 ppm	0.26 ppm	2 of 2	100 ppm	0 of 2
ethylbenzene	0.16 – 0.17 ppm	1 ppm	0 of 2	30 ppm	0 of 2
cis-1,2 dichloroethene	0.0065 – 0.042 ppm	0.25 ppm	0 of 2	59 ppm	0 of 2
SVOCs					
napthalene	ND – 0.093 ppm	12 ppm	0 of 2	100 ppm	0 of 2
2-methylnapthalene	ND – 0.13 ppm	NS	0 of 2	NS	0 of 2

^a ND – Non Detect

^b SCG – This Standard, Criteria, Guidance refers to Part 375 Soil Cleanup Objectives

Table 4 - Summary of Contaminants Detected in Bedrock Groundwater			
Detected Constituents	Concentration Range Detected	Class GA Standards/Guidance Values	Frequency Exceeding Class GA Standards/Guidance Values
VOCs			
tetrachlorethene	ND ^a – 91 ppb	0.7 ppb ^b	3 of 4
Trichloroethene	ND ^a – 3900 ppb	5 ppb ^b	3 of 4
benzene	ND - 78 ppb	1 ppb	2 of 4
toluene	ND – 21 ppb	5 ppb	1 of 4
xylene	ND – 14 ppb	5 ppm	1 of 4
ethylbenzene	ND – 3 ppb	5 ppm	0 of 4
cis-1,2 dichloroethene	ND – 2400 ppb	5 ppm	3 of 4
trans-1,2 dichloroethene	ND – 89 ppb	5 ppm	3 of 4
Vinyl chloride	ND – 37 ppb	2 ppm	3 of 4
Methyl-t-butyl ether (MTBE)	ND – 0.73 ppb	NS	0 of 4
SVOCs			
Benzo(a)pyrene	ND – 1.7 ppb	ND	1 of 4
Benzo(a)anthracene	ND – 1.8 ppb	0.002 ppb	1 of 4
Benzo(f)fluoranthene	ND – 1.8 ppb	0.002 ppb	1 of 4
chrysene	ND – 1.5 ppb	0.002 ppb	1 of 4
indeno(1,2,3-cd)pyrene	ND – 0.88 ppb	0.002 ppb	1 of 4

^a ND – Non Detect

^b SCG – This Standard, Criteria, Guidance refers to Part 375 Soil Cleanup Objectives

Appendix A

[illegible]

Comments on Well Development:

[illegible]

Appendix B

 OP-TECH® Response • Service • Experience		GROUNDWATER SAMPLING REPORT					Page 1 of 1	
Project Number: FD900438				Sampled By: T. Bown				
Client: New York State Department of Environmental Conservation				Project Manager: T. Bown				
Location (City, State): Buffalo, New York				Weather: ~75°F, Sunny, humid, hot				
Date: May 21, 2010								
Groundwater Sampling Information								
Well No.		BR -1						
Time		10:20						
Static Water Level (ft) ⁽¹⁾		7.89						
Product (ft) ⁽¹⁾		NA						
Depth of Well (ft) ⁽¹⁾		35.25						
Well Diameter (in)		3						
Linear Feet of Water (ft) ⁽²⁾		27.36						
Volume of Water in Well (gal) ⁽³⁾		11						
Volume of Well to be Purged (gal) ⁽⁴⁾		33						
Purging Device		Whale Pump						
Purge Start Time		11:00						
Purge Finished Time		11:35						
Sampling Device		Bailer						
Decon Procedure		Alconox Rinse						
Water Quality Parameters	pH	9.44	8.14	7.71	7.62			
	Temperature	17	16.5	17.1	16.7			
	Conductivity	1064	1322	1345	1350			
	Redox Potential	106	-152	-144	-43			
	Turbidity	112	34.2	17.1	8.48			
	Dissolved Oxygen							
	Total Dissolved Solids	587.5	903.5	923.9	925.4			
	Salinity							
	Color							
	Odor							
Sample Collection Time	VOCs	11:40						
	SVOCs	11:40						
	Total Metals	11:40						
	Dissolved Metals ⁽⁵⁾							
	PCBs	11:40						
(1) All measurements are to be taken from the reference point on the top of the well riser. (2) Linear Feet of Water = Depth of Well - Static Water Level (3) Volume of Water in Well = Linear Feet of Water in Well * Gallons Per Foot of Depth Well Diameter (ID) = Gallons per Foot of Depth: 1 = 0.0441 2 = 0.163 4 = 0.653 6 = 1.469 8 = 2.611 10 = 4.080 12 = 5.875 (4) Volume of Well to be Purged = (3 to 5x) Volume of Water in Well (5) Dissolved Metal samples are to be either filtered in the field and indicated on field forms/COCs or within 24-hours after collection by analytical lab								
Sampling Observations: _____ _____ _____ _____								

Project Number:	FD900438	Sampled By:	T. Bown
Client:	New York State Department of Environmental Conservation	Project Manager:	T. Bown
Location (City, State):	Buffalo, New York	Weather:	~75°F, Sunny, humid, hot
Date:	May 21, 2010		

Groundwater Sampling Information

Well No.	BR -2						
Time	10:30						
Static Water Level (ft) ⁽¹⁾	6.67						
Product (ft) ⁽¹⁾	NA						
Depth of Well (ft) ⁽¹⁾	26.7						
Well Diameter (in)	3						
Linear Feet of Water (ft) ⁽²⁾	20.03						
Volume of Water in Well (gal) ⁽³⁾	8						
Volume of Well to be Purged (gal) ⁽⁴⁾	24						
Purging Device	Whale Pump						
Purge Start Time	11:45						
Purge Finished Time	12:25						
Sampling Device	Bailer						
Decon Procedure	Alconox Rinse						
Water Quality Parameters	pH	7.08	7.05	7.05			
	Temperature	17.7	17.1	16.1			
	Conductivity	2070	1796	1753			
	Redox Potential	100	-90	-85			
	Turbidity	101.6	15.4	3.87			
	Dissolved Oxygen						
	Total Dissolved Solids	1475	1265	1229			
	Salinity						
	Color						
	Odor						
Sample Collection Time	VOCs	12:30					
	SVOCs	12:30					
	Total Metals	12:30					
	Dissolved Metals ⁽⁵⁾						
	PCBs	12:30					

- (1) All measurements are to be taken from the reference point on the top of the well riser.
- (2) Linear Feet of Water = Depth of Well - Static Water Level
- (3) Volume of Water in Well = Linear Feet of Water in Well * Gallons Per Foot of Depth
 Well Diameter (ID) = Gallons per Foot of Depth: 1 = 0.0441 2 = 0.163 4 = 0.653 6 = 1.469 8 = 2.611 10 = 4.080 12 = 5.875
- (4) Volume of Well to be Purged = (3 to 5x) Volume of Water in Well
- (5) Dissolved Metal samples are to be either filtered in the field and indicated on field forms/COCs or within 24-hours after collection by analytical lab

Sampling Observations: _____

 OP-TECH® Response • Service • Experience		GROUNDWATER SAMPLING REPORT					Page 1 of 1	
Project Number: FD900438					Sampled By: T. Bown			
Client: New York State Department of Environmental Conservation					Project Manager: T. Bown			
Location (City, State): Buffalo, New York					Weather: ~75°F, Sunny, humid, hot			
Date: May 21, 2010								
Groundwater Sampling Information								
Well No.		BR -3						
Time		10:35						
Static Water Level (ft) ⁽¹⁾		5.89						
Product (ft) ⁽¹⁾		NA						
Depth of Well (ft) ⁽¹⁾		31.75						
Well Diameter (in)		3						
Linear Feet of Water (ft) ⁽²⁾		25.86						
Volume of Water in Well (gal) ⁽³⁾		10						
Volume of Well to be Purged (gal) ⁽⁴⁾		30						
Purging Device		Whale Pump						
Purge Start Time		12:40						
Purge Finished Time		13:15						
Sampling Device		Bailer						
Decon Procedure		Alconox Rinse						
Water Quality Parameters	pH	8.41	7.31	7.18				
	Temperature	16.4	14.9	14				
	Conductivity	1600	1605	1617				
	Redox Potential	-186	-112	-94				
	Turbidity	219	133	176				
	Dissolved Oxygen							
	Total Dissolved Solids	1104	1120	1135				
	Salinity							
	Color							
	Odor							
Sample Collection Time	VOCs	13:30						
	SVOCs	13:30						
	Total Metals	13:30						
	Dissolved Metals ⁽⁵⁾							
	PCBs	13:30						
(1) All measurements are to be taken from the reference point on the top of the well riser. (2) Linear Feet of Water = Depth of Well - Static Water Level (3) Volume of Water in Well = Linear Feet of Water in Well * Gallons Per Foot of Depth Well Diameter (ID) = Gallons per Foot of Depth: 1 = 0.0441 2 = 0.163 4 = 0.653 6 = 1.469 8 = 2.611 10 = 4.080 12 = 5.875 (4) Volume of Well to be Purged = (3 to 5x) Volume of Water in Well (5) Dissolved Metal samples are to be either filtered in the field and indicated on field forms/COCs or within 24-hours after collection by analytical lab								
Sampling Observations: _____ _____ _____ _____								

 OP-TECH® Response • Service • Experience		GROUNDWATER SAMPLING REPORT						Page 1 of 1
Project Number: FD900438				Sampled By: T. Bown				
Client: New York State Department of Environmental Conservation				Project Manager: T. Bown				
Location (City, State): Buffalo, New York				Weather: ~75°F, Sunny, humid, hot				
Date: May 21, 2010								
Groundwater Sampling Information								
Well No.		BR -4						
Time		10:40						
Static Water Level (ft) ⁽¹⁾		7.56						
Product (ft) ⁽¹⁾		NA						
Depth of Well (ft) ⁽¹⁾		39.05						
Well Diameter (in)		3						
Linear Feet of Water (ft) ⁽²⁾		31.49						
Volume of Water in Well (gal) ⁽³⁾		12						
Volume of Well to be Purged (gal) ⁽⁴⁾		36						
Purging Device		Whale Pump						
Purge Start Time		13:35						
Purge Finished Time		14:20						
Sampling Device		Bailer						
Decon Procedure		Alconox Rinse						
Water Quality Parameters	pH	7.8	8.23					
	Temperature	18.7	20.4					
	Conductivity	2135	2270					
	Redox Potential	-221	-85					
	Turbidity	36.9	931					
	Dissolved Oxygen							
	Total Dissolved Solids	1521	1618					
	Salinity							
	Color							
	Odor							
Sample Collection Time	VOCs	14:20						
	SVOCs	14:20						
	Total Metals	14:20						
	Dissolved Metals ⁽⁵⁾							
	PCBs	14:20						
(1) All measurements are to be taken from the reference point on the top of the well riser. (2) Linear Feet of Water = Depth of Well - Static Water Level (3) Volume of Water in Well = Linear Feet of Water in Well * Gallons Per Foot of Depth Well Diameter (ID) = Gallons per Foot of Depth: 1 = 0.0441 2 = 0.163 4 = 0.653 6 = 1.469 8 = 2.611 10 = 4.080 12 = 5.875 (4) Volume of Well to be Purged = (3 to 5x) Volume of Water in Well (5) Dissolved Metal samples are to be either filtered in the field and indicated on field forms/COCs or within 24-hours after collection by analytical lab								
Sampling Observations: Pumped approximately 1.5 gallons of well water before going dry. allowed well to recover some volume _____ the collected samples. _____ _____ _____								

Appendix C

		SUBSURFACE BORING LOG		Start Date: 02/18/2009 End Date: 02/22/2009	Boring No. B4-01
Project: Commerce Square		Geologist: D. Hoffman		Weather: ~25°F, Calm, Lt. Snow	
Client: NYSDEC Reg. 9		Project Manager: N. Wohlabach		Northing:	Datum:
Location (City, State): Lockport, New York		Driller: CME		Easting:	
Drill Rig Type: GeoProbe 66DT (Track Mounted)				Borehole Diameter (ft.): 0.25	
Type of Sampling Device: GeoProbe Macro-Core Sampler				Type of Casing: N/A	
Depth (feet)	Sample ID	STRATUM	SOIL DESCRIPTION (Unified Soil Classification System)	% Recovery	PID Screening (ppm)
0		0-0.8'	CONCRETE		
1		.8'	Dark brown, SAND FILL MATERIAL w/const. debris, Dry, no-odor		0
2					0
3					0.2
4					0
5					
6					0
7		6.4'	Med brown, SANDY-SILT, compact, Dry, no-odor		0.4
8		8.1'			
		8.1-8.3'	Asphalt shingle roofing		2.1
9		8.3'			
		10'	As 6.6'-8.1'		0.8
10		10-10.7'	Medium gray, small GRAVEL, 1/4"-3/4", traces of sand, moist, no odor		
11		10.7'	Medium brown, SANDY-SILT, Wet, no-odor		0.6
12					0.8
13					0.4
14					0.4
15			Medium brown, coarse SAND, wet, no odor		
16					0.4
17					0.6
18					1.2
19					0
20		20'			
20		----->	Boring Terminated @ 20' BGS		
21					
22					
Depth to Water _____ (ft) Date & Time _____			Comments: None		Boring No. B4-01
Depth to Water _____ (ft) Date & Time _____					

		SUBSURFACE BORING LOG		Start Date: 02/18/2009 End Date: 02/22/2009	Boring No. B4-02
Project: Commerce Square		Geologist: D. Hoffman		Weather: ~25°F, Calm, Lt. Snow	
Client: NYSDEC Reg. 9		Project Manager: N. Wohlabough		Northing:	Datum:
Location (City, State): Lockport, New York		Driller: CME		Easting:	
Drill Rig Type: GeoProbe 66DT (Track Mounted)				Borehole Diameter (ft.): 0.25	
Type of Sampling Device: GeoProbe Macro-Core Sampler				Type of Casing: N/A	
Depth (feet)	Sample ID	STRATUM	SOIL DESCRIPTION (Unified Soil Classification System)	% Recovery	PID Screening (ppm)
0		0-.7'	CONCRETE		
1		.7'	Dark brown, FILL MATERIAL (demo debris), Dry, no-odor		0
2					0
3		3.6			0
4		3.6	Gray-Tan, FILL MATERIAL (demo debris), Dry, no-odor		0
5					0
6					0
7		7.1	Medium brown, coarse SAND (traces of const. debris), wet, no odor		0
8		7.1			0
9					0.2
10		10.4	Refusal 10.4' BGS		
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
Depth to Water _____ (ft) Date & Time _____			Comments: None		Boring No. B4-02
Depth to Water _____ (ft) Date & Time _____					

		SUBSURFACE BORING LOG		Start Date: 02/18/2009 End Date: 02/22/2009	Boring No. B4-03
Project: Commerce Square		Geologist: D. Hoffman		Weather: ~25°F, Calm, Lt. Snow	
Client: NYSDEC Reg. 9		Project Manager: N. Wohlabach		Northing:	Datum:
Location (City, State): Lockport, New York		Driller: CME		Easting:	
Drill Rig Type: GeoProbe 66DT (Track Mounted)				Borehole Diameter (ft.): 0.25	
Type of Sampling Device: GeoProbe Macro-Core Sampler				Type of Casing: N/A	
Depth (feet)	Sample ID	STRATUM	SOIL DESCRIPTION (Unified Soil Classification System)	% Recovery	PID Screening (ppm)
0		0-.8'	CONCRETE		
1		.8'	Dark brown, FILL MATERIAL (demo debris), Dry, no-odor		0
2					0.3
3					0.5
4					0.6
5					
		----->	Boring Terminated @ 5' BGS		
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
Depth to Water _____ (ft) Date & Time _____			Comments: None		Boring No. B4-03
Depth to Water _____ (ft) Date & Time _____					

		SUBSURFACE BORING LOG		Start Date: 02/18/2009 End Date: 02/22/2009	Boring No. B4-04	
Project: Commerce Square		Geologist: D. Hoffman		Weather: ~25°F, Calm, Lt. Snow		
Client: NYSDEC Reg. 9		Project Manager: N. Wohlabaug		Northing:	Datum:	
Location (City, State): Lockport, New York		Driller: CME		Easting:		
Drill Rig Type: GeoProbe 66DT (Track Mounted)				Borehole Diameter (ft.): 0.25		
Type of Sampling Device: GeoProbe Macro-Core Sampler				Type of Casing: N/A		
Depth (feet)	Sample ID	STRATUM	SOIL DESCRIPTION (Unified Soil Classification System)	% Recovery	PID Screening (ppm)	
0		0-.9'	CONCRETE			
1		.9'	Dark brown, Clay (fill material) , Dry, no-odor		0.0	
2					0.0	
3					0.0	
4					0.0	
5					0.0	
6					0.0	
7					0.0	
8		7.5'		Light brown, Clay , Dry, no-odor		0.0
9						0.0
10						0.0
11					2.0	
12		11.5'	Brown, Sandy-Silt , Wet, no-odor		0.0	
13					0.0	
14					0.0	
15		15'			0.0	
16		15'	Brown, COARSE SAND , Wet, no-odor Brown, FINE SAND , Wet, no-odor		0.0	
17					0.0	
18					0.0	
19					0.0	
20		19.7'				
21		----->	Refusal 19.7' BGS			
22						
Depth to Water _____ (ft) Date & Time _____			Comments: None		Boring No.	
Depth to Water _____ (ft) Date & Time _____					B4-04	

 OP-TECH® Response • Service • Experience		SUBSURFACE BORING LOG		Start Date: 02/18/2009		Boring No.		
				End Date: 02/22/2009		B4-05		
Project: Commerce Square		Geologist: D. Hoffman		Weather: ~25°F, Calm, Lt. Snow				
Client: NYSDEC Reg. 9		Project Manager: N. Wohlabauh		Northing:		Datum:		
Location (City, State): Lockport, New York		Driller: CME		Easting:				
Drill Rig Type: GeoProbe 66DT (Track Mounted)				Borehole Diameter (ft.): 0.25				
Type of Sampling Device: GeoProbe Macro-Core Sampler				Type of Casing: N/A				
Depth (feet)	Sample ID	STRATUM	SOIL DESCRIPTION (Unified Soil Classification System)	% Recovery	PID Screening (ppm)			
0		0-.9'	CONCRETE		0.0			
1		.9'	Dark red-brown, Clay (fill material w/brick) Dry, anthropogenic-like odor		0.0			
2								
3		----->	Refusal 2.7' BGS					
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
Depth to Water (ft) Date & Time			Comments: None			Boring No.		
Depth to Water (ft) Date & Time						B4-05		

 OP-TECH® Response • Service • Experience		SUBSURFACE BORING LOG		Start Date: 02/18/2009		Boring No. B4-06	
				End Date: 02/22/2009			
Project: Commerce Square		Geologist: D. Hoffman		Weather: ~25°F, Calm, Lt. Snow			
Client: NYSDEC Reg. 9		Project Manager: N. Wohlabauh		Northing:		Datum:	
Location (City, State): Lockport, New York		Driller: CME		Easting:			
Drill Rig Type: GeoProbe 66DT (Track Mounted)				Borehole Diameter (ft.): 0.25			
Type of Sampling Device: GeoProbe Macro-Core Sampler				Type of Casing: N/A			
Depth (feet)	Sample ID	STRATUM	SOIL DESCRIPTION (Unified Soil Classification System)	% Recovery	PID Screening (ppm)		
0		0-.9'	CONCRETE		0.0		
1		.9'					
		1.8	Dark red-brown, Clay (fill material w/brick) Dry, anthropogenic-like odor				
2		----->	Refusal 1.8' BGS				
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
Depth to Water _____ (ft) Date & Time _____			Comments: None			Boring No. B4-06	
Depth to Water _____ (ft) Date & Time _____							

		SUBSURFACE BORING LOG		Start Date: 02/18/2009 End Date: 02/22/2009	Boring No. B4-07	
Project: Commerce Square		Geologist: D. Hoffman		Weather: ~25°F, Calm, Lt. Snow		
Client: NYSDEC Reg. 9		Project Manager: N. Wohlabauh		Northing:	Datum:	
Location (City, State): Lockport, New York		Driller: CME		Easting:		
Drill Rig Type: GeoProbe 66DT (Track Mounted)				Borehole Diameter (ft.): 0.25		
Type of Sampling Device: GeoProbe Macro-Core Sampler				Type of Casing: N/A		
Depth (feet)	Sample ID	STRATUM	SOIL DESCRIPTION (Unified Soil Classification System)	% Recovery	PID Screening (ppm)	
0		0-.7'	CONCRETE			
1		.7'	Dark brown, Clay (fill material) , Dry, no-odor		0.0	
2					0.0	
3					0.0	
4		4'			0.0	
5		4'	Md. brown, SILTY-SAND , Dry, no-odor		0.0	
6					0.0	
7					0.0	
8					0.0	
9					0.0	
10					0.0	
11					0.6	
12		11.5'		Brown, F. SAND , Moist, no-odor		0.4
13		12.8'				0.2
14		12.8'		Brown, F. SAND , Wet, no-odor		0.0
15		14'			0.0	
16		14'	Brown, F. SAND , Moist, no-odor		0.0	
17					0.0	
18		18'			0.0	
19		18'	Md. brown, C. SAND , Dry, no-odor		0.0	
20		19.7'				
21		----->	Boring Terminated @ 20' BGS			
22						
Depth to Water _____ (ft) Date & Time _____			Comments: None		Boring No. B4-07	
Depth to Water _____ (ft) Date & Time _____						

 OP-TECH® Response • Service • Experience		SUBSURFACE BORING LOG		Start Date: 02/18/2009 End Date: 02/22/2009	Boring No. B4-08
Project: Commerce Square		Geologist: D. Hoffman		Weather: ~25°F, Calm, Lt. Snow	
Client: NYSDEC Reg. 9		Project Manager: N. Wohlabaug		Northing:	Datum:
Location (City, State): Lockport, New York		Driller: CME		Easting:	
Drill Rig Type: GeoProbe 66DT (Track Mounted)				Borehole Diameter (ft.): 0.25	
Type of Sampling Device: GeoProbe Macro-Core Sampler				Type of Casing: N/A	
Depth (feet)	Sample ID	STRATUM	SOIL DESCRIPTION (Unified Soil Classification System)	% Recovery	PID Screening (ppm)
0		0-.6'	CONCRETE		
1		0.6	Gray-Tan, FILL MATERIAL (demo debris), Dry, no-odor		0
2					0
3					0
4					0
5					
6					0
7					0
8					0
9					0.2
10		10.4			
11		----->	Refusal 10.4' BGS		
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
Depth to Water _____ (ft) Date & Time _____			Comments: None		Boring No. B4-08
Depth to Water _____ (ft) Date & Time _____					

 OP-TECH® Response • Service • Experience		SUBSURFACE BORING LOG		Start Date: 02/18/2009 End Date: 02/22/2009	Boring No. B4-09	
Project: Commerce Square		Geologist: D. Hoffman		Weather: ~25°F, Calm, Lt. Snow		
Client: NYSDEC Reg. 9		Project Manager: N. Wohlabauh		Northing:	Datum:	
Location (City, State): Lockport, New York		Driller: CME		Easting:		
Drill Rig Type: GeoProbe 66DT (Track Mounted)				Borehole Diameter (ft.): 0.25		
Type of Sampling Device: GeoProbe Macro-Core Sampler				Type of Casing: N/A		
Depth (feet)	Sample ID	STRATUM	SOIL DESCRIPTION (Unified Soil Classification System)	% Recovery	PID Screening (ppm)	
0		0-.9'	CONCRETE			
1		.9'	Dark brown, Clay (fill material) , Dry, no-odor		0.0	
2					0.4	
3					0.2	
4					0.2	
5					1.8	
6					3.1	
7					9.2	
8	B4-09	8'		Light brown, Clay , Dry, no-odor		17.1
9	"					0.0
10						6.1
11					5.4	
12		12.1			1.6	
13		13.4				
14		----->	Refusal 13.4' BGS			
15						
16						
17						
18						
19						
20						
21						
22						
Depth to Water _____ (ft) Date & Time _____			Comments: None		Boring No. B4-09	
Depth to Water _____ (ft) Date & Time _____						

		SUBSURFACE BORING LOG		Start Date: 02/18/2009 End Date: 02/22/2009	Boring No. B4-10	
Project: Commerce Square		Geologist: D. Hoffman		Weather: ~25°F, Calm, Lt. Snow		
Client: NYSDEC Reg. 9		Project Manager: N. Wohlabauh		Northing:	Datum:	
Location (City, State): Lockport, New York		Driller: CME		Easting:		
Drill Rig Type: GeoProbe 66DT (Track Mounted)				Borehole Diameter (ft.): 0.25		
Type of Sampling Device: GeoProbe Macro-Core Sampler				Type of Casing: N/A		
Depth (feet)	Sample ID	STRATUM	SOIL DESCRIPTION (Unified Soil Classification System)	% Recovery	PID Screening (ppm)	
0		0-.5'	CONCRETE			
1		.5'	Brown, Clay (native material) , Dry, no-odor		0.2	
2					0.0	
3					0.4	
4					0.6	
5					0.0	
6					0.2	
7					0.0	
8					31.2	
9		9.4			5.4	
10		----->		Refusal 9.4' BGS		
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
Depth to Water _____ (ft) Date & Time _____			Comments: None		Boring No. B4-10	
Depth to Water _____ (ft) Date & Time _____						

		SUBSURFACE BORING LOG		Start Date: 02/18/2009 End Date: 02/22/2009	Boring No. B4-11
Project: Commerce Square		Geologist: D. Hoffman		Weather: ~25°F, Calm, Lt. Snow	
Client: NYSDEC Reg. 9		Project Manager: N. Wohlabach		Northing:	Datum:
Location (City, State): Lockport, New York		Driller: CME		Easting:	
Drill Rig Type: GeoProbe 66DT (Track Mounted)				Borehole Diameter (ft.): 0.25	
Type of Sampling Device: GeoProbe Macro-Core Sampler				Type of Casing: N/A	
Depth (feet)	Sample ID	STRATUM	SOIL DESCRIPTION (Unified Soil Classification System)	% Recovery	PID Screening (ppm)
0		0-.4'	CONCRETE		
1		.4'			1.0
		1.3	Construction Debris (fill material), Dry, no-odor		
2					0.4
3					0.2
4					2.1
5					0.6
6					1.0
7			Brown, Clay (native material), Dry, no-odor		1.1
8					3.2
9					1.1
10					3.2
11					1.1
12		12.6			1.1
		12.6	Bedrock Fragments		
13		13.1			0.6
		----->	Refusal 13.1' BGS		
14					
15					
16					
17					
18					
19					
20					
21					
22					
Depth to Water _____ (ft) Date & Time _____			Comments: None		Boring No. B4-11
Depth to Water _____ (ft) Date & Time _____					



SUBSURFACE BORING LOG

Start Date: 02/18/2009

End Date: 02/22/2009

Boring No.

B4-12

Project: Commerce Square

Geologist: D. Hoffman

Weather: ~25°F, Calm, Lt. Snow

Client: NYSDEC Reg. 9

Project Manager: N. Wohlabough

Northing:

Datum:

Location (City, State): Lockport, New York

Driller: CME

Easting:

Drill Rig Type: GeoProbe 66DT (Track Mounted)

Borehole Diameter (ft.): 0.25

Type of Sampling Device: GeoProbe Macro-Core Sampler

Type of Casing: N/A

Depth (feet)	Sample ID	STRATUM	SOIL DESCRIPTION (Unified Soil Classification System)	% Recovery	PID Screening (ppm)
0		0-.4'	CONCRETE		
1		.4-.6'	Brown, Clay (native material), Moist, no-odor		0.4
2					0.4
3					0.6
4					1.2
5					4.7
6					1.8
7			Brown, Clay (native material), Dry, no-odor		2.1
8					4.9
9					3.2
10		10-10.6	Tan, SILT, Moist, no-odor		2.1
11		10.6			1.0
12			Brown, Clay (native material), Dry, no-odor		1.0
13		13.3			
14		----->	Refusal 13.3' BGS		
15					
16					
17					
18					
19					
20					
21					
22					

Depth to Water _____ (ft) Date & Time _____

Comments: None

Boring No.

B4-12

Depth to Water _____ (ft) Date & Time _____

		SUBSURFACE BORING LOG		Start Date: 02/18/2009 End Date: 02/22/2009	Boring No. B4-13
Project: Commerce Square		Geologist: D. Hoffman		Weather: ~25°F, Calm, Lt. Snow	
Client: NYSDEC Reg. 9		Project Manager: N. Wohlabauh		Northing:	Datum:
Location (City, State): Lockport, New York		Driller: CME		Easting:	
Drill Rig Type: GeoProbe 66DT (Track Mounted)				Borehole Diameter (ft.): 0.25	
Type of Sampling Device: GeoProbe Macro-Core Sampler				Type of Casing: N/A	
Depth (feet)	Sample ID	STRATUM	SOIL DESCRIPTION (Unified Soil Classification System)	% Recovery	PID Screening (ppm)
0		0-.4'	CONCRETE		
1	B4-13	.4-.6'	Brown, Clay (native material), Moist, solvent-like odor		21.3
2					3.2
3					2.2
4					1.6
5					0.8
6					0.6
7			Brown, Clay (native material), Dry, no-odor		6.9
8					18.2
9					
10		10-10.6	Tan, SILT, Moist, no-odor		70.3
11		10.6			34.2
12			Brown, Clay (native material), Dry, no-odor		18.8
13		13.3			5.5
14		14			0.6
15		----->	Refusal 14' BGS		
16					
17					
18					
19					
20					
21					
22					
Depth to Water _____ (ft) Date & Time _____			Comments: None		Boring No. B4-13
Depth to Water _____ (ft) Date & Time _____					

		SUBSURFACE BORING LOG		Start Date: 02/18/2009 End Date: 02/22/2009	Boring No. B3-01
Project: Commerce Square		Geologist: D. Hoffman		Weather: ~25°F, Calm, Lt. Snow	
Client: NYSDEC Reg. 9		Project Manager: N. Wohlabough		Northing:	Datum:
Location (City, State): Lockport, New York		Driller: CME		Easting:	
Drill Rig Type: GeoProbe 66DT (Track Mounted)				Borehole Diameter (ft.): 0.25	
Type of Sampling Device: GeoProbe Macro-Core Sampler				Type of Casing: N/A	
Depth (feet)	Sample ID	STRATUM	SOIL DESCRIPTION (Unified Soil Classification System)	% Recovery	PID Screening (ppm)
0		0-.8'	CONCRETE		
1		1.8'	Brown, SANDY-SILT, Moist, no-odor		1.2
2		1.8'	Dark brown, CLAYEY-SILT, Dry, no-odor		1.6
3					0.8
4					1
5					
6					2.1
7					2.3
8					1.8
9					3
10					1.3
11					2.1
12		12.2'	Dark brown, SAND FILL MATERIAL w/const. debris, Dry, no-odor		1.3
13		12.2'	Dark brown, SILT, Dry, no-odor		1.1
14					2.1
15					
16					2.1
17		17'			2.0
18		----->	Boring Terminated @ 17' BGS		
19					
20					
21					
22					
Depth to Water _____ (ft) Date & Time _____			Comments: None		Boring No. B3-01
Depth to Water _____ (ft) Date & Time _____					



SUBSURFACE BORING LOG

Start Date: 02/18/2009

Boring No.

B3-02

End Date: 02/22/2009

Project: Commerce Square	Geologist: D. Hoffman	Weather: ~25°F, Calm, Lt. Snow
Client: NYSDEC Reg. 9	Project Manager: N. Wohlabauh	Northing:
Location (City, State): Lockport, New York	Driller: CME	Easting:
Drill Rig Type: GeoProbe 66DT (Track Mounted)		Borehole Diameter (ft.): 0.25
Type of Sampling Device: GeoProbe Macro-Core Sampler	Type of Casing: N/A	

Depth (feet)	Sample ID	STRATUM	SOIL DESCRIPTION (Unified Soil Classification System)	% Recovery	PID Screening (ppm)
0		0-.6'	CONCRETE		
1		0.6'			
		1.8'	Gray, CONCRETE fill material, Wet, no-odor		0.4
2		1.8'			2.6
3			Brown, SILT, Dry, no-odor		0.8
4					1.1
5					
6					2.7
7					1.1
8					1
9					0.8
		10'			
10		----->	Boring Terminated @ 10' BGS		
11					
12					
13					
14					
15					
16					
17					2.0
18					
19					
20					
21					
22					

Depth to Water _____ (ft) Date & Time _____	Comments: None	Boring No.
Depth to Water _____ (ft) Date & Time _____		B3-02

		SUBSURFACE BORING LOG		Start Date: 02/18/2009 End Date: 02/22/2009	Boring No. B3-03
Project: Commerce Square		Geologist: D. Hoffman		Weather: ~25°F, Calm, Lt. Snow	
Client: NYSDEC Reg. 9		Project Manager: N. Wohlabauh		Northing:	Datum:
Location (City, State): Lockport, New York		Driller: CME		Easting:	
Drill Rig Type: GeoProbe 66DT (Track Mounted)				Borehole Diameter (ft.): 0.25	
Type of Sampling Device: GeoProbe Macro-Core Sampler				Type of Casing: N/A	
Depth (feet)	Sample ID	STRATUM	SOIL DESCRIPTION (Unified Soil Classification System)	% Recovery	PID Screening (ppm)
0		0-6'	CONCRETE		
1		0.6'			
		1.8'	Gray, CONCRETE fill material, Wet, no-odor		0.4
2		1.8'			2.0
3			Brown, SILT, Dry, no-odor		0.8
4					0.8
5					
6					1.0
7					0.0
8		8.3'			0.0
9		8.3'	Brown, fine SAND, Wet, no-odor		0.0
10		10'			
		----->	Boring Terminated @ 10' BGS		
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
Depth to Water _____ (ft) Date & Time _____			Comments: None		Boring No. B3-03
Depth to Water _____ (ft) Date & Time _____					

		SUBSURFACE BORING LOG		Start Date: 02/18/2009 End Date: 02/22/2009	Boring No. B3-04
Project: Commerce Square		Geologist: D. Hoffman		Weather: ~25°F, Calm, Lt. Snow	
Client: NYSDEC Reg. 9		Project Manager: N. Wohlabauh		Northing:	Datum:
Location (City, State): Lockport, New York		Driller: CME		Easting:	
Drill Rig Type: GeoProbe 66DT (Track Mounted)				Borehole Diameter (ft.): 0.25	
Type of Sampling Device: GeoProbe Macro-Core Sampler				Type of Casing: N/A	
Depth (feet)	Sample ID	STRATUM	SOIL DESCRIPTION (Unified Soil Classification System)	% Recovery	PID Screening (ppm)
0		0-.7'	CONCRETE		
1		0.7'			
		1.5'	Gray, CONCRETE fill material, Wet, no-odor		1.3
2		1.5'	Brown, SILT, Dry, no-odor		0.8
3					1.1
4					1.2
5					
6					1.0
7					1.6
8		8.3'			
9		8.3'	Brown, fine SAND, Wet, no-odor		2.1
10					1.3
11					1
12		12.3'			2.9
13		12.3'			0.8
14					1
15					1.2
16					0.8
17		18'	Brown, SILT w/fragments of BEDROCK, Dry, no-odor		0.8
18		18'			
19		19.8'			
		----->	Refusal @ 19.8' BGS		
20					
21					
22					
Depth to Water _____ (ft) Date & Time _____			Comments: None		Boring No. B3-04
Depth to Water _____ (ft) Date & Time _____					

		SUBSURFACE BORING LOG		Start Date: 02/18/2009		Boring No. B3-05
				End Date: 02/22/2009		
Project: Commerce Square		Geologist: D. Hoffman		Weather: ~25°F, Calm, Lt. Snow		
Client: NYSDEC Reg. 9		Project Manager: N. Wohlabach		Northing:		Datum:
Location (City, State): Lockport, New York		Driller: CME		Easting:		
Drill Rig Type: GeoProbe 66DT (Track Mounted)				Borehole Diameter (ft.): 0.25		
Type of Sampling Device: GeoProbe Macro-Core Sampler				Type of Casing: N/A		
Depth (feet)	Sample ID	STRATUM	SOIL DESCRIPTION (Unified Soil Classification System)	% Recovery	PID Screening (ppm)	
0		0-.7'	CONCRETE			
1		0.7'				
		2.1'	Lt. Brn., CLAY fill material , Dry, no-odor		0	
2		2.1'			0.5	
3			Gray transitioning to Brown, CLAYEY-SILT , Dry, no-odor		0.5	
4					1.7	
5		5.0				
		5.0			0.1	
6					0.0	
7			Medium Brown, SILT , Moist, no-odor		2.1	
8		8.3'			5.7	
		8.3'				
9		10'				
10		----->	Boring Terminated @ 10' BGS			
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
Depth to Water _____ (ft) Date & Time _____			Comments: None		Boring No. B3-05	
Depth to Water _____ (ft) Date & Time _____						

		SUBSURFACE BORING LOG		Start Date: 02/18/2009 End Date: 02/22/2009	Boring No. B3-06
Project: Commerce Square		Geologist: D. Hoffman		Weather: ~25°F, Calm, Lt. Snow	
Client: NYSDEC Reg. 9		Project Manager: N. Wohlabauh		Northing:	Datum:
Location (City, State): Lockport, New York		Driller: CME		Easting:	
Drill Rig Type: GeoProbe 66DT (Track Mounted)				Borehole Diameter (ft.): 0.25	
Type of Sampling Device: GeoProbe Macro-Core Sampler				Type of Casing: N/A	
Depth (feet)	Sample ID	STRATUM	SOIL DESCRIPTION (Unified Soil Classification System)	% Recovery	PID Screening (ppm)
0		0-8'	CONCRETE		
1		0.8'	Gray, Concrete fill material w/debris , Dry, no-odor		
		1.8'			1.8
2		1.8'			
		Gray transitioning to Tan, CLAYEY-SILT , Dry, no-odor			2.0
3					3.6
4					5.1
5					
6			6.4'		4.0
		6.4'	Medium to Lt. Brown, SILT , Dry, no-odor		4.1
7				4.3	
8		8.3'		4.0	
		8.3'			
9		10'			
10		----->	Boring Terminated @ 10' BGS		
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
Depth to Water _____ (ft) Date & Time _____			Comments: None		Boring No. B3-06
Depth to Water _____ (ft) Date & Time _____					

Depth to Water _____ (ft) Date & Time _____	<u>Comments:</u> None	Boring No. B3-07
Depth to Water _____ (ft) Date & Time _____		

		SUBSURFACE BORING LOG		Start Date: 02/18/2009 End Date: 02/22/2009	Boring No. B3-08
Project: Commerce Square		Geologist: D. Hoffman		Weather: ~25°F, Calm, Lt. Snow	
Client: NYSDEC Reg. 9		Project Manager: N. Wohlabauh		Northing:	Datum:
Location (City, State): Lockport, New York		Driller: CME		Easting:	
Drill Rig Type: GeoProbe 66DT (Track Mounted)				Borehole Diameter (ft.): 0.25	
Type of Sampling Device: GeoProbe Macro-Core Sampler				Type of Casing: N/A	
Depth (feet)	Sample ID	STRATUM	SOIL DESCRIPTION (Unified Soil Classification System)	% Recovery	PID Screening (ppm)
0		0-.6'	CONCRETE		
1		0.6'			
		1.8'	Lt. Brn., CLAY fill material w/rock debris, Dry, no-odor		3.5
2		1.8'			2.0
3			Tan, CLAYEY-SILT, Dry, no-odor		0.9
4		4.8'			3.1
5		4.8'			
6					2.0
7					1.9
8			Brown, SILT, Dry, no-odor		1.8
9				2.1	
10		----->	Boring Terminated @ 10' BGS		
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

Depth to Water _____ (ft) Date & Time _____			Comments: None	Boring No. B3-08
Depth to Water _____ (ft) Date & Time _____				

		SUBSURFACE BORING LOG		Start Date: 02/18/2009 End Date: 02/22/2009	Boring No. B3-09
Project: Commerce Square		Geologist: D. Hoffman		Weather: ~25°F, Calm, Lt. Snow	
Client: NYSDEC Reg. 9		Project Manager: N. Wohlabauh		Northing:	Datum:
Location (City, State): Lockport, New York		Driller: CME		Easting:	
Drill Rig Type: GeoProbe 66DT (Track Mounted)				Borehole Diameter (ft.): 0.25	
Type of Sampling Device: GeoProbe Macro-Core Sampler				Type of Casing: N/A	
Depth (feet)	Sample ID	STRATUM	SOIL DESCRIPTION (Unified Soil Classification System)	% Recovery	PID Screening (ppm)
0		0-.6'	CONCRETE		
1		0.6'			
		1.7'	Lt. Brn., CLAY fill material w/rock debris and coal, Dry, no-odor		6.7
2		1.7'			13.4
3			Tan, CLAYEY-SILT, Dry, no-odor		5.8
4		4.6'			3.1
5		4.6'			
6					11.6
7					23.4
8			Brown, SILT, Dry, slight fuel-like odor		22.0
9					30.5
10		-----> 10'	Boring Terminated @ 10' BGS		
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
Depth to Water _____ (ft) Date & Time _____			Comments: None		Boring No. B3-09
Depth to Water _____ (ft) Date & Time _____					

		SUBSURFACE BORING LOG		Start Date: 02/18/2009 End Date: 02/22/2009	Boring No. B3-10
Project: Commerce Square		Geologist: D. Hoffman		Weather: ~25°F, Calm, Lt. Snow	
Client: NYSDEC Reg. 9		Project Manager: N. Wohlabach		Northing:	Datum:
Location (City, State): Lockport, New York		Driller: CME		Easting:	
Drill Rig Type: GeoProbe 66DT (Track Mounted)				Borehole Diameter (ft.): 0.25	
Type of Sampling Device: GeoProbe Macro-Core Sampler				Type of Casing: N/A	
Depth (feet)	Sample ID	STRATUM	SOIL DESCRIPTION (Unified Soil Classification System)	% Recovery	PID Screening (ppm)
0		0-.8'	CONCRETE		
1		0.8'			
		1.3'	Lt. Brn., ROCK fill material w/ debris, Dry, no-odor		0.2
2		1.3'			0.9
3			Tan, CLAYEY-SILT , Dry, no-odor		2.8
4					1
		4.8'			
5		4.8'			5.9
6					4.9
7			Brown, SILT , Dry, no odor		8.0
8					8.1
9		10'			
10		----->	Boring Terminated @ 10' BGS		
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
Depth to Water _____ (ft) Date & Time _____			Comments: None		Boring No. B3-10
Depth to Water _____ (ft) Date & Time _____					

		SUBSURFACE BORING LOG		Start Date: 02/18/2009 End Date: 02/22/2009	Boring No. B3-11
Project: Commerce Square		Geologist: D. Hoffman		Weather: ~25°F, Calm, Lt. Snow	
Client: NYSDEC Reg. 9		Project Manager: N. Wohlabauh		Northing:	Datum:
Location (City, State): Lockport, New York		Driller: CME		Easting:	
Drill Rig Type: GeoProbe 66DT (Track Mounted)				Borehole Diameter (ft.): 0.25	
Type of Sampling Device: GeoProbe Macro-Core Sampler				Type of Casing: N/A	
Depth (feet)	Sample ID	STRATUM	SOIL DESCRIPTION (Unified Soil Classification System)	% Recovery	PID Screening (ppm)
0		0-.8'	CONCRETE		
1		0.8'			
2		2.3'	Lt. Brn., Fill material w/ wood debris, Wet, rotten/decaying odor		3.4
3		2.3'	Tan, CLAYEY-SILT, Dry, no-odor		0.8
4					1
5					0.9
6					2.0
7					2.1
8			Brown, SILT, Dry, no odor		2.1
9					2.3
10		10'			
		----->	Boring Terminated @ 10' BGS		
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
Depth to Water _____ (ft) Date & Time _____			Comments: None		Boring No. B3-11
Depth to Water _____ (ft) Date & Time _____					

		SUBSURFACE BORING LOG		Start Date: 02/18/2009 End Date: 02/22/2009	Boring No. B3-12
Project: Commerce Square		Geologist: D. Hoffman		Weather: ~25°F, Calm, Lt. Snow	
Client: NYSDEC Reg. 9		Project Manager: N. Wohlabach		Northing:	Datum:
Location (City, State): Lockport, New York		Driller: CME		Easting:	
Drill Rig Type: GeoProbe 66DT (Track Mounted)				Borehole Diameter (ft.): 0.25	
Type of Sampling Device: GeoProbe Macro-Core Sampler				Type of Casing: N/A	
Depth (feet)	Sample ID	STRATUM	SOIL DESCRIPTION (Unified Soil Classification System)	% Recovery	PID Screening (ppm)
0		0-.8'	CONCRETE		
1		0.8'			
2		2.3'	Lt. Brn., Fill material w/ wood debris, Wet, rotten/decaying odor		3.1
3		2.3'	Tan-Brn., CLAYEY-SILT, Dry, no-odor		2.3
4					2.9
5					0.9
6					1.3
7					0.0
8			Brown, SILT, Dry, no odor		0.0
9					1.9
10		10'			
		----->	Boring Terminated @ 10' BGS		
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
Depth to Water _____ (ft) Date & Time _____			Comments: None		Boring No. B3-12
Depth to Water _____ (ft) Date & Time _____					



SUBSURFACE BORING LOG

Start Date: 02/18/2009

End Date: 02/22/2009

Boring No.

B3-13

Project: Commerce Square	Geologist: D. Hoffman	Weather: ~25°F, Calm, Lt. Snow
Client: NYSDEC Reg. 9	Project Manager: N. Wohlabaug	Northing:
Location (City, State): Lockport, New York	Driller: CME	Easting:
Drill Rig Type: GeoProbe 66DT (Track Mounted)		Borehole Diameter (ft.): 0.25
Type of Sampling Device: GeoProbe Macro-Core Sampler	Type of Casing: N/A	

Depth (feet)	Sample ID	STRATUM	SOIL DESCRIPTION (Unified Soil Classification System)	% Recovery	PID Screening (ppm)
0		0-.7'	CONCRETE		
1		0.7'	Lt. Brn., SILTY-CLAY (re-worked) , moist, no odor		
					0.7
2		2.1'			
					0.8
3		2.1'			
					15.9
4					7.8
5		2.1'			
6	xx	5.8'	Brown, SILT , Dry, no odor		63.7
7		7'	Brown, SILT , Dry, wet odor		87.9
8		----->	Refusal @ 7' BGS		
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

Depth to Water _____ (ft) Date & Time _____	Comments: None	Boring No.
Depth to Water _____ (ft) Date & Time _____		B3-13

		SUBSURFACE BORING LOG		Start Date: 02/18/2009 End Date: 02/22/2009	Boring No. B3-14
Project: Commerce Square		Geologist: D. Hoffman		Weather: ~25°F, Calm, Lt. Snow	
Client: NYSDEC Reg. 9		Project Manager: N. Wohlabaug		Northing:	Datum:
Location (City, State): Lockport, New York		Driller: CME		Easting:	
Drill Rig Type: GeoProbe 66DT (Track Mounted)				Borehole Diameter (ft.): 0.25	
Type of Sampling Device: GeoProbe Macro-Core Sampler				Type of Casing: N/A	
Depth (feet)	Sample ID	STRATUM	SOIL DESCRIPTION (Unified Soil Classification System)	% Recovery	PID Screening (ppm)
0		0-.7'	CONCRETE		
1		0.7'			3.1
2		2.1'	Lt. Brn., SILTY-CLAY (re-worked) , moist, no odor		2.3
3		2.1'	Brown, SILT , Dry, no odor		2.9
4					0.9
5					
6	xx				5.8'
7		7'	Brown, SILT , Dry, wet odor		0.0
8		----->	Refusal @ 7' BGS		
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
Depth to Water _____ (ft) Date & Time _____			Comments: None		Boring No. B3-14
Depth to Water _____ (ft) Date & Time _____					



SUBSURFACE BORING LOG

Start Date: 02/18/2009

Boring No.

B3-15

End Date: 02/22/2009

Project: Commerce Square	Geologist: D. Hoffman	Weather: ~25°F, Calm, Lt. Snow
Client: NYSDEC Reg. 9	Project Manager: N. Wohlabach	Northing:
Location (City, State): Lockport, New York	Driller: CME	Easting:
Drill Rig Type: GeoProbe 66DT (Track Mounted)		Borehole Diameter (ft.): 0.25
Type of Sampling Device: GeoProbe Macro-Core Sampler	Type of Casing: N/A	

Depth (feet)	Sample ID	STRATUM	SOIL DESCRIPTION (Unified Soil Classification System)	% Recovery	PID Screening (ppm)
0		0-.9'	CONCRETE		
1		0.9'	Gray, ROCK FRAGMENTS , dry, no odor		0.0
2					0.0
3		3.2'			
		----->	Refusal @ 3.2' BGS		
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

Depth to Water _____ (ft) Date & Time _____	Comments: None	Boring No.
Depth to Water _____ (ft) Date & Time _____		B3-15



SUBSURFACE BORING LOG

Start Date: 02/18/2009

Boring No.

B3-16

End Date: 02/22/2009

Project: Commerce Square	Geologist: D. Hoffman	Weather: ~25°F, Calm, Lt. Snow
Client: NYSDEC Reg. 9	Project Manager: N. Wohlabach	Northing: Datum:
Location (City, State): Lockport, New York	Driller: CME	Easting:
Drill Rig Type: GeoProbe 66DT (Track Mounted)	Borehole Diameter (ft.): 0.25	
Type of Sampling Device: GeoProbe Macro-Core Sampler	Type of Casing: N/A	

Type of Sampling Device Used to Obtain Sample		Type of Sampling Tool				
Depth (feet)	Sample ID	STRATUM	SOIL DESCRIPTION (Unified Soil Classification System)	% Recovery	PID Screening (ppm)	
0		0-.5'	CONCRETE			
1		0.5'	Brown, C. SAND , moist, no odor		0.0	
2					0.0	
3					18.2	
4					15.6	
5					5.1'	
6	xx	5.1'	Brown, C. SAND , wet, no odor		41.4	
7					7'	56.8
8		----->	Refusal @ 7' BGS			
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						

Depth to Water _____ (ft) Date & Time _____	Comments: None	Boring No.
Depth to Water _____ (ft) Date & Time _____		B3-16



SUBSURFACE BORING LOG

Start Date: 02/18/2009

End Date: 02/22/2009

Boring No.

B3-17

Project: Commerce Square	Geologist: D. Hoffman	Weather: ~25°F, Calm, Lt. Snow
Client: NYSDEC Reg. 9	Project Manager: N. Wohlabach	Northing:
Location (City, State): Lockport, New York	Driller: CME	Easting:
Drill Rig Type: GeoProbe 66DT (Track Mounted)		Borehole Diameter (ft.): 0.25
Type of Sampling Device: GeoProbe Macro-Core Sampler	Type of Casing: N/A	

Depth (feet)	Sample ID	STRATUM	SOIL DESCRIPTION (Unified Soil Classification System)	% Recovery	PID Screening (ppm)	
0		0-.8'	CONCRETE			
1		0.8'	Lt. Brn., C. SAND , Wet, rotten/decaying odor			
					5.9	
2					18.2	
					5.6	
3					5.4	
4					5.3'	
5						7.7
6		6.8'				
		6.8'	8.9			
7			7.2			
8			10.6			
9						
10		10'				
		----->	Boring Terminated @ 10' BGS			
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						

Depth to Water _____ (ft) Date & Time _____	Comments: None	Boring No.
Depth to Water _____ (ft) Date & Time _____		B3-17



SUBSURFACE BORING LOG

Start Date: 02/18/2009

End Date: 02/22/2009

Boring No.

B3-18

Project: Commerce Square	Geologist: D. Hoffman	Weather: ~25°F, Calm, Lt. Snow
Client: NYSDEC Reg. 9	Project Manager: N. Wohlabauh	Northing:
Location (City, State): Lockport, New York	Driller: CME	Easting:
Drill Rig Type: GeoProbe 66DT (Track Mounted)		Borehole Diameter (ft.): 0.25
Type of Sampling Device: GeoProbe Macro-Core Sampler	Type of Casing: N/A	

Depth (feet)	Sample ID	STRATUM	SOIL DESCRIPTION (Unified Soil Classification System)	% Recovery	PID Screening (ppm)
0		0-.8'	CONCRETE		
1		0.8'	FILL MATERIAL, Dry, anthropogenic odor		
					7
2		2.1'	Brown, SILTY-SAND (re-worked), dry, no odor		
		2.1'			8.4
3					7.4
		4.2'			
4		4.2'			Tan, SILT, dry, no odor
5			9.2		
			12.8		
6			37.0(72.0)		
			19.6		
7					
8					
9		10'			
10		----->	Boring Terminated @ 10' BGS		
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

Depth to Water _____ (ft) Date & Time _____	Comments: None	Boring No.
Depth to Water _____ (ft) Date & Time _____		B3-18



SUBSURFACE BORING LOG

Start Date: 02/18/2009

End Date: 02/22/2009

Boring No.

B3-19

Project: Commerce Square	Geologist: D. Hoffman	Weather: ~25°F, Calm, Lt. Snow
Client: NYSDEC Reg. 9	Project Manager: N. Wohlabaug	Northing:
Location (City, State): Lockport, New York	Driller: CME	Easting:
Drill Rig Type: GeoProbe 66DT (Track Mounted)		Borehole Diameter (ft.): 0.25
Type of Sampling Device: GeoProbe Macro-Core Sampler	Type of Casing: N/A	

Depth (feet)	Sample ID	STRATUM	SOIL DESCRIPTION (Unified Soil Classification System)	% Recovery	PID Screening (ppm)
0		0-.9'	CONCRETE		
1		0.9'	Gray, FILL MATERIAL, dry, no odor		0.0
2					0.0
3					
		3.2'			
		----->	Refusal @ 3.2' BGS		
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

Depth to Water _____ (ft) Date & Time _____	Comments: None	Boring No. B3-19
Depth to Water _____ (ft) Date & Time _____		

		SUBSURFACE BORING LOG		Start Date: 02/18/2009 End Date: 02/22/2009	Boring No. B3-20
Project: Commerce Square		Geologist: D. Hoffman		Weather: ~25°F, Calm, Lt. Snow	
Client: NYSDEC Reg. 9		Project Manager: N. Wohlabauh		Northing:	Datum:
Location (City, State): Lockport, New York		Driller: CME		Easting:	
Drill Rig Type: GeoProbe 66DT (Track Mounted)				Borehole Diameter (ft.): 0.25	
Type of Sampling Device: GeoProbe Macro-Core Sampler				Type of Casing: N/A	
Depth (feet)	Sample ID	STRATUM	SOIL DESCRIPTION (Unified Soil Classification System)	% Recovery	PID Screening (ppm)
0		0-8'	CONCRETE		
1		0.8'			
		1.7'	Gray, GRAVEL, moist, no odor		2.0
2		1.7'			2.1
3			Lt. Brn., CLAY FILL MATERIAL, dry, no odor		3.2
4		4.8'			4.1
5		4.8'			
6			Lt. Brn., SILT, dry, no odor		4.7
7					3.1
8					4.0
9					4.1
10		10'			
		----->	Boring Terminated @ 10' BGS		
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
Depth to Water _____ (ft) Date & Time _____			Comments: None		Boring No. B3-20
Depth to Water _____ (ft) Date & Time _____					

		SUBSURFACE BORING LOG		Start Date: 02/18/2009 End Date: 02/22/2009	Boring No. B3-21
Project: Commerce Square		Geologist: D. Hoffman		Weather: ~25°F, Calm, Lt. Snow	
Client: NYSDEC Reg. 9		Project Manager: N. Wohlabauh		Northing:	Datum:
Location (City, State): Lockport, New York		Driller: CME		Easting:	
Drill Rig Type: GeoProbe 66DT (Track Mounted)				Borehole Diameter (ft.): 0.25	
Type of Sampling Device: GeoProbe Macro-Core Sampler				Type of Casing: N/A	
Depth (feet)	Sample ID	STRATUM	SOIL DESCRIPTION (Unified Soil Classification System)	% Recovery	PID Screening (ppm)
0		0-.9'	CONCRETE		
1		0.9'			
		1.5'	Gray, GRAVEL, moist, no odor		0.0
2		1.5'			
					0.0
3			Lt. Brn., CLAY FILL MATERIAL, dry, no odor		0.8
4		4.6'			1.6
		4.6'			
5					
					1.0
6			Lt. Brn., SILT, dry, no odor		
					2.1
7					
					0.8
8					
					1.2
9		10'			
10		----->	Boring Terminated @ 10' BGS		
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
Depth to Water _____ (ft) Date & Time _____			Comments: None		Boring No. B3-21
Depth to Water _____ (ft) Date & Time _____					



SUBSURFACE BORING LOG

Start Date: 02/18/2009

Boring No.

B3-22

End Date: 02/22/2009

Project: Commerce Square

Geologist: D. Hoffman

Weather: ~25°F, Calm, Lt. Snow

Client: NYSDEC Reg. 9

Project Manager: N. Wohlabach

Northing:

Datum:

Location (City, State): Lockport, New York

Driller: CME

Easting:

Drill Rig Type: GeoProbe 66DT (Track Mounted)

Borehole Diameter (ft.): 0.25

Type of Sampling Device: GeoProbe Macro-Core Sampler

Type of Casing: N/A

Depth (feet)	Sample ID	STRATUM	SOIL DESCRIPTION (Unified Soil Classification System)	% Recovery	PID Screening (ppm)
0		0-.7'	CONCRETE		
1		0.7'			
		1.9'	Gray, GRAVEL, moist, no odor		4.3
2		1.9'			
		2.1'	Drk. Gray, GRANULAR FILL MATERIAL, moist, organic odor		5.2
3		2.1'			
			Lt. Brn., CLAY FILL MATERIAL, dry, no odor		5.5
4					
		5.0'			5.5
5		5.0'			
			Med.-Drk. Brn., SILT, dry, no odor		
6					5.7
7					4.8
8					6.1
9					6.0
		10'			
10		----->	Boring Terminated @ 10' BGS		
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

Depth to Water _____ (ft) Date & Time _____

Comments: None

Boring No.

B3-22

Depth to Water _____ (ft) Date & Time _____

		SUBSURFACE BORING LOG		Start Date: 02/18/2009		Boring No. B3-23
				End Date: 02/22/2009		
Project: Commerce Square		Geologist: D. Hoffman		Weather: ~25°F, Calm, Lt. Snow		
Client: NYSDEC Reg. 9		Project Manager: N. Wohlabauh		Northing:		Datum:
Location (City, State): Lockport, New York		Driller: CME		Easting:		
Drill Rig Type: GeoProbe 66DT (Track Mounted)				Borehole Diameter (ft.): 0.25		
Type of Sampling Device: GeoProbe Macro-Core Sampler				Type of Casing: N/A		
Depth (feet)	Sample ID	STRATUM	SOIL DESCRIPTION (Unified Soil Classification System)	% Recovery	PID Screening (ppm)	
0		0-.9'	CONCRETE			
1		0.9'				
		1.6'	Gray, GRAVEL, moist, no odor		0.0	
2		----->	Refusal @ 1.6' BGS			
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
Depth to Water (ft) Date & Time			Comments: None			Boring No. B3-23
Depth to Water (ft) Date & Time						

Depth to Water _____ (ft) Date & Time _____	<u>Comments:</u> None	Boring No. B3-24
Depth to Water _____ (ft) Date & Time _____		

		SUBSURFACE BORING LOG		Start Date: 02/18/2009 End Date: 02/22/2009	Boring No. B3-25
Project: Commerce Square		Geologist: D. Hoffman		Weather: ~25°F, Calm, Lt. Snow	
Client: NYSDEC Reg. 9		Project Manager: N. Wohlabach		Northing:	Datum:
Location (City, State): Lockport, New York		Driller: CME		Easting:	
Drill Rig Type: GeoProbe 66DT (Track Mounted)				Borehole Diameter (ft.): 0.25	
Type of Sampling Device: GeoProbe Macro-Core Sampler				Type of Casing: N/A	
Depth (feet)	Sample ID	STRATUM	SOIL DESCRIPTION (Unified Soil Classification System)	% Recovery	PID Screening (ppm)
0		0-.8'	CONCRETE		
1		0.8'			
		1.6'	Gray, GRAVEL, moist, no odor		5.4
2		1.6'			
		2.1'	Drk. Gray, GRANULAR FILL MATERIAL, dry, no odor		4.8
3		2.1'	Lt. Brn., CLAY FILL MATERIAL, dry, no odor		3.6
4					
		4.6'			5.8
5		4.6'			
6			Med.-Drk. Brn., SILT, dry, no odor		5.3
7					5.8
8					4.6
9					6.6
10		----->	Boring Terminated @ 10' BGS		
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
Depth to Water _____ (ft) Date & Time _____			Comments: None		Boring No. B3-25
Depth to Water _____ (ft) Date & Time _____					



SUBSURFACE BORING LOG

Start Date: 02/18/2009

Boring No.

B3-26

End Date: 02/22/2009

Project: Commerce Square

Geologist: D. Hoffman

Weather: ~25°F, Calm, Lt. Snow

Client: NYSDEC Reg. 9

Project Manager: N. Wohlabaug

Northing:

Datum:

Location (City, State): Lockport, New York

Driller: CME

Easting:

Drill Rig Type: GeoProbe 66DT (Track Mounted)

Borehole Diameter (ft.): 0.25

Type of Sampling Device: GeoProbe Macro-Core Sampler

Type of Casing: N/A

Depth (feet)	Sample ID	STRATUM	SOIL DESCRIPTION (Unified Soil Classification System)	% Recovery	PID Screening (ppm)
0		0-.9'	CONCRETE		
1		0.9'	Black, GRANULAR FILL , dry, no odor		0.0
2					0.7
3		3.2'			
		----->			Refusal @ 3.2' BGS
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

Depth to Water _____ (ft) Date & Time _____

Comments: None

Boring No.

B3-26

Depth to Water _____ (ft) Date & Time _____

		SUBSURFACE BORING LOG		Start Date: 02/18/2009 End Date: 02/22/2009	Boring No. B3-27
Project: Commerce Square		Geologist: D. Hoffman		Weather: ~25°F, Calm, Lt. Snow	
Client: NYSDEC Reg. 9		Project Manager: N. Wohlabauh		Northing:	Datum:
Location (City, State): Lockport, New York		Driller: CME		Easting:	
Drill Rig Type: GeoProbe 66DT (Track Mounted)				Borehole Diameter (ft.): 0.25	
Type of Sampling Device: GeoProbe Macro-Core Sampler				Type of Casing: N/A	
Depth (feet)	Sample ID	STRATUM	SOIL DESCRIPTION (Unified Soil Classification System)	% Recovery	PID Screening (ppm)
0		0-.8'	CONCRETE		
1		0.8'	FILL MATERIAL, Dry, anthropogenic odor		4.4
2		2.1'			4.1
3		2.1'	Brown, SILTY-SAND (re-worked), dry, no odor		3.2
4		4.2'			6.6
5		4.2'	Tan, SILT, dry, no odor		4.2
6					6.4
7					6.8
8					6.7
9		10'			
10		----->		Boring Terminated @ 10' BGS	
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
Depth to Water _____ (ft) Date & Time _____			Comments: None		Boring No. B3-27
Depth to Water _____ (ft) Date & Time _____					

		SUBSURFACE BORING LOG		Start Date: 02/18/2009 End Date: 02/22/2009	Boring No. B2-01
Project: Commerce Square		Geologist: D. Hoffman		Weather: ~25°F, Calm, Lt. Snow	
Client: NYSDEC Reg. 9		Project Manager: N. Wohlabough		Northing:	Datum:
Location (City, State): Lockport, New York		Driller: CME		Easting:	
Drill Rig Type: GeoProbe 66DT (Track Mounted)				Borehole Diameter (ft.): 0.25	
Type of Sampling Device: GeoProbe Macro-Core Sampler				Type of Casing: N/A	
Depth (feet)	Sample ID	STRATUM	SOIL DESCRIPTION (Unified Soil Classification System)	% Recovery	PID Screening (ppm)
0		0-.5'	CONCRETE		
1		0.5			0
2			Gray-Black, FINE GRAVEL, Wet, no-odor		1.3
		2.5'			
3		2.5'			2.4
4					1
5			Gray-Tan, SILTY CLAY, Dry, no-odor		0.8
6					1.1
7		6.8			
		6.8	Gray-Tan, SILTY CLAY, Wet, no-odor		0
8		8.1			0
		8.1	Gray-Tan, SILTY CLAY, Dry, no-odor		
9					0.4
10		----->			
11			Gray-Tan, SILTY CLAY, Moist, no-odor		0.9
12					
13					2.3
		13.4			
14		13.4			0.6
15					0.8
16			Gray-Tan, SILTY CLAY, Dry, no-odor		1.8
17		17.5			
		----->	Boring Terminated @ 17.5' BGS		
18					
19					
20					
21					
22					
Depth to Water _____ (ft) Date & Time _____				Comments: None	
Depth to Water _____ (ft) Date & Time _____				Boring No. B2-01	

		SUBSURFACE BORING LOG		Start Date: 02/18/2009 End Date: 02/22/2009	Boring No. B2-02
Project: Commerce Square		Geologist: D. Hoffman		Weather: ~25°F, Calm, Lt. Snow	
Client: NYSDEC Reg. 9		Project Manager: N. Wohlabach		Northing:	Datum:
Location (City, State): Lockport, New York		Driller: CME		Easting:	
Drill Rig Type: GeoProbe 66DT (Track Mounted)				Borehole Diameter (ft.): 0.25	
Type of Sampling Device: GeoProbe Macro-Core Sampler				Type of Casing: N/A	
Depth (feet)	Sample ID	STRATUM	SOIL DESCRIPTION (Unified Soil Classification System)	% Recovery	PID Screening (ppm)
0		0-.5'	CONCRETE		
1		0.5			0.0
2			Gray-Black, FINE GRAVEL, Wet, no-odor		3.1
		2.4'			1.8
3		2.4'			1.8
4					1.0
5			Gray-Tan, SILTY CLAY, Dry, no-odor		1.1
6					0.6
7		7.3			0.2
8		7.3	Gray-Tan, SILTY CLAY, Wet, no-odor		
9		8	Gray-Tan, SILTY CLAY, Dry, no-odor		
10		10'			
		----->	Boring Terminated @ 10' BGS		
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
Depth to Water _____ (ft) Date & Time _____			Comments: None		Boring No. B2-02
Depth to Water _____ (ft) Date & Time _____					

 OP-TECH® Response • Service • Experience		SUBSURFACE BORING LOG		Start Date: 02/18/2009 End Date: 02/22/2009	Boring No. B2-03
Project: Commerce Square		Geologist: D. Hoffman		Weather: ~25°F, Calm, Lt. Snow	
Client: NYSDEC Reg. 9		Project Manager: N. Wohlabauh		Northing:	Datum:
Location (City, State): Lockport, New York		Driller: CME		Easting:	
Drill Rig Type: GeoProbe 66DT (Track Mounted)				Borehole Diameter (ft.): 0.25	
Type of Sampling Device: GeoProbe Macro-Core Sampler				Type of Casing: N/A	
Depth (feet)	Sample ID	STRATUM	SOIL DESCRIPTION (Unified Soil Classification System)	% Recovery	PID Screening (ppm)
0		0-.8'	CONCRETE		
1		0.8'	Gray, FINE GRAVEL, Wet, no-odor		0.0
2					1.0
		2.8'			1.0
3		2.8'	WOOD(solid), Moist, decaying odor		1.0
		3.2'			2.1
4		3.2'	Gray-Tan, SILTY CLAY, Dry, no-odor		3.1
5					0.8
6					0.6
7					0.6
8				0.6	
9					
10		10'			
11		----->		Boring Terminated @ 10' BGS	
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
Depth to Water _____ (ft) Date & Time _____			Comments: None		Boring No. B2-03
Depth to Water _____ (ft) Date & Time _____					

		SUBSURFACE BORING LOG		Start Date: 02/18/2009 End Date: 02/22/2009	Boring No. B2-04	
Project: Commerce Square		Geologist: D. Hoffman		Weather: ~25°F, Calm, Lt. Snow		
Client: NYSDEC Reg. 9		Project Manager: N. Wohlabach		Northing:	Datum:	
Location (City, State): Lockport, New York		Driller: CME		Easting:		
Drill Rig Type: GeoProbe 66DT (Track Mounted)				Borehole Diameter (ft.): 0.25		
Type of Sampling Device: GeoProbe Macro-Core Sampler				Type of Casing: N/A		
Depth (feet)	Sample ID	STRATUM	SOIL DESCRIPTION (Unified Soil Classification System)	% Recovery	PID Screening (ppm)	
0		0-.8'	CONCRETE			
1		0.8'	Gray, FINE GRAVEL, Wet, no-odor		1.1	
2		2.1'				
		2.1-2.8'	WOOD(solid), Moist, decaying odor		1.0	
3		2.8'			1.0	
4					2.0	
5						
6					1.3	
		6.4'	Gray-Tan, CLAY, Dry, no-odor			
7		6.4'			1.0	
8		10'		Gray-Brown, SILTY CLAY, Dry, no-odor		1.2
9						0.4
10						
		----->	Boring Terminated @ 10' BGS			
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
Depth to Water _____ (ft) Date & Time _____			Comments: None		Boring No. B2-04	
Depth to Water _____ (ft) Date & Time _____						

		SUBSURFACE BORING LOG		Start Date: 02/18/2009 End Date: 02/22/2009	Boring No. B2-05	
Project: Commerce Square		Geologist: D. Hoffman		Weather: ~25°F, Calm, Lt. Snow		
Client: NYSDEC Reg. 9		Project Manager: N. Wohlabach		Northing:	Datum:	
Location (City, State): Lockport, New York		Driller: CME		Easting:		
Drill Rig Type: GeoProbe 66DT (Track Mounted)				Borehole Diameter (ft.): 0.25		
Type of Sampling Device: GeoProbe Macro-Core Sampler				Type of Casing: N/A		
Depth (feet)	Sample ID	STRATUM	SOIL DESCRIPTION (Unified Soil Classification System)	% Recovery	PID Screening (ppm)	
0		0-.8'	CONCRETE			
1		0.8'	Gray, FINE GRAVEL, Wet, no-odor		0.0	
2		1.9			0.0	
3					0.0	
4					2.0	
5						
6				1.3		
		6.8'	Gray-Tan, CLAY, Dry, no-odor			
7		6.8'			11.2	
8	xx	8.5'		Gray-Brown, SILTY CLAY, Moist, slight fuel-odor		21.6
9		8.5'		Gray, CLAY (traces of fine gravel), moist, no odor		0.4
		10'				
10		----->	Boring Terminated @ 10' BGS			
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
Depth to Water _____ (ft) Date & Time _____			Comments: None		Boring No. B2-05	
Depth to Water _____ (ft) Date & Time _____						

		SUBSURFACE BORING LOG		Start Date: 02/18/2009 End Date: 02/22/2009	Boring No. B2-06
Project: Commerce Square		Geologist: D. Hoffman		Weather: ~25°F, Calm, Lt. Snow	
Client: NYSDEC Reg. 9		Project Manager: N. Wohlabach		Northing:	Datum:
Location (City, State): Lockport, New York		Driller: CME		Easting:	
Drill Rig Type: GeoProbe 66DT (Track Mounted)				Borehole Diameter (ft.): 0.25	
Type of Sampling Device: GeoProbe Macro-Core Sampler				Type of Casing: N/A	
Depth (feet)	Sample ID	STRATUM	SOIL DESCRIPTION (Unified Soil Classification System)	% Recovery	PID Screening (ppm)
0		0-.8'	CONCRETE		
1		0.8'	Gray, FINE GRAVEL, Wet, no-odor		0.0
2		1.9'			0.0
3		1.9'			0.0
4					2.8
5					
6					1.0
7					1.7
8					4.8
9		9.1'			0.2
10		10'			
10		----->	Boring Terminated @ 10' BGS		
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
Depth to Water _____ (ft) Date & Time _____			Comments: None		Boring No. B2-06
Depth to Water _____ (ft) Date & Time _____					

		SUBSURFACE BORING LOG		Start Date: 02/18/2009 End Date: 02/22/2009	Boring No. B2-07
Project: Commerce Square		Geologist: D. Hoffman		Weather: ~25°F, Calm, Lt. Snow	
Client: NYSDEC Reg. 9		Project Manager: N. Wohlabach		Northing:	Datum:
Location (City, State): Lockport, New York		Driller: CME		Easting:	
Drill Rig Type: GeoProbe 66DT (Track Mounted)				Borehole Diameter (ft.): 0.25	
Type of Sampling Device: GeoProbe Macro-Core Sampler				Type of Casing: N/A	
Depth (feet)	Sample ID	STRATUM	SOIL DESCRIPTION (Unified Soil Classification System)	% Recovery	PID Screening (ppm)
0		0-.8'	CONCRETE		
1		0.8'	Gray, FINE GRAVEL, Wet, no-odor		0.0
2		2,3'			
		2.3'			0.0
3					2.5
4					1.2
		4.8'	Md.-Lt. Brown, SILT, Moist, no-odor		
5		4.8'	Md.-Lt. Brown, SILT, Wet, no-odor		2.8
6					
7		7.5			1.7
		----->	Refusal @ 7.5' BGS		
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
Depth to Water _____ (ft) Date & Time _____			Comments: None		Boring No. B2-07
Depth to Water _____ (ft) Date & Time _____					

		SUBSURFACE BORING LOG		Start Date: 02/18/2009 End Date: 02/22/2009	Boring No. B2-08
Project: Commerce Square		Geologist: D. Hoffman		Weather: ~25°F, Calm, Lt. Snow	
Client: NYSDEC Reg. 9		Project Manager: N. Wohlabauh		Northing:	Datum:
Location (City, State): Lockport, New York		Driller: CME		Easting:	
Drill Rig Type: GeoProbe 66DT (Track Mounted)				Borehole Diameter (ft.): 0.25	
Type of Sampling Device: GeoProbe Macro-Core Sampler				Type of Casing: N/A	
Depth (feet)	Sample ID	STRATUM	SOIL DESCRIPTION (Unified Soil Classification System)	% Recovery	PID Screening (ppm)
0		0-.6'	CONCRETE		
1		0.6'	Gray, CONCRETE FILL MATERIAL, Dry, Anthropogenic odor		0.7
2		2.1'			
3		2.1'	Md.-Drk. Brown, SILTY-SAND, Moist, no-odor		2.1
4		4.6'			
5		4.6'	Md.-Drk. Brown, SILTY, Dry, no-odor		0.7
6		----->	Refusal @ 7.5' BGS		
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
Depth to Water _____ (ft) Date & Time _____			Comments: None		Boring No. B2-08
Depth to Water _____ (ft) Date & Time _____					

 OP-TECH® Response • Service • Experience		SUBSURFACE BORING LOG		Start Date: 02/18/2009 End Date: 02/22/2009	Boring No. B2-09
Project: Commerce Square		Geologist: D. Hoffman		Weather: ~25°F, Calm, Lt. Snow	
Client: NYSDEC Reg. 9		Project Manager: N. Wohlabach		Northing:	Datum:
Location (City, State): Lockport, New York		Driller: CME		Easting:	
Drill Rig Type: GeoProbe 66DT (Track Mounted)				Borehole Diameter (ft.): 0.25	
Type of Sampling Device: GeoProbe Macro-Core Sampler				Type of Casing: N/A	
Depth (feet)	Sample ID	STRATUM	SOIL DESCRIPTION (Unified Soil Classification System)	% Recovery	PID Screening (ppm)
0		0-.8'	CONCRETE		
1		0.8'	Gray, FINE GRAVEL, moist, no-odor		1.1
2		2.1'			
3		2.1'	Brown, SAND (medium), moist, no-odor		1.0
4					1.0
		4.2'			2.0
5		4.2'	Gray-Tan, CLAY, moist, no-odor		
6					1.3
		6.1'			
7		6.1'	Brown, SILT, Dry, no-odor		1.0
8					1.2
9					0.4
10		----->	Boring Terminated @ 10' BGS		
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
Depth to Water _____ (ft) Date & Time _____			Comments: None		Boring No. B2-09
Depth to Water _____ (ft) Date & Time _____					

		SUBSURFACE BORING LOG		Start Date: 02/18/2009 End Date: 02/22/2009	Boring No. B2-10
Project: Commerce Square		Geologist: D. Hoffman		Weather: ~25°F, Calm, Lt. Snow	
Client: NYSDEC Reg. 9		Project Manager: N. Wohlabach		Northing:	Datum:
Location (City, State): Lockport, New York		Driller: CME		Easting:	
Drill Rig Type: GeoProbe 66DT (Track Mounted)				Borehole Diameter (ft.): 0.25	
Type of Sampling Device: GeoProbe Macro-Core Sampler				Type of Casing: N/A	
Depth (feet)	Sample ID	STRATUM	SOIL DESCRIPTION (Unified Soil Classification System)	% Recovery	PID Screening (ppm)
0		0-1.2'	CONCRETE		
1					
2		1.2' 2.2'	Concrete FILL material, Dry, anthropogenic-like odor		3.0
		----->	Refusal 2.2' BGS		
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
Depth to Water _____ (ft) Date & Time _____			Comments: None		Boring No. B2-10
Depth to Water _____ (ft) Date & Time _____					

		SUBSURFACE BORING LOG		Start Date: 02/18/2009 End Date: 02/22/2009	Boring No. B2-11
Project: Commerce Square		Geologist: D. Hoffman		Weather: ~25°F, Calm, Lt. Snow	
Client: NYSDEC Reg. 9		Project Manager: N. Wohlabaug		Northing:	Datum:
Location (City, State): Lockport, New York		Driller: CME		Easting:	
Drill Rig Type: GeoProbe 66DT (Track Mounted)				Borehole Diameter (ft.): 0.25	
Type of Sampling Device: GeoProbe Macro-Core Sampler				Type of Casing: N/A	
Depth (feet)	Sample ID	STRATUM	SOIL DESCRIPTION (Unified Soil Classification System)	% Recovery	PID Screening (ppm)
0		0-.7'	CONCRETE		
1		0.7'			
		1.6'	Gray, SILTY-CLAY , dry, no-odor		1.0
2		1.6-1.8'	Black, GRANULAR FILL (fine-medium), dry, no-odor		
		1.8-2.8'	Gray-Brown, SILTY-CLAY , dry, no-odor		1.6
3		2.8'			2.8
4					4.1
5					
6			Gray-Tan, CLAY , Dry, no-odor		2.1
		6.8'			
7		6.8'			1.8
8					1.2
		8.5'	Light Brown, SILTY CLAY , Moist, slight fuel-odor		
9					4.1
10		----->	Boring Terminated @ 10' BGS		
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
Depth to Water _____ (ft) Date & Time _____			Comments: None		Boring No. B2-11
Depth to Water _____ (ft) Date & Time _____					

 OP-TECH® Response • Service • Experience		SUBSURFACE BORING LOG		Start Date: 02/18/2009 End Date: 02/22/2009	Boring No. B2-12
Project: Commerce Square		Geologist: D. Hoffman		Weather: ~25°F, Calm, Lt. Snow	
Client: NYSDEC Reg. 9		Project Manager: N. Wohlabach		Northing:	Datum:
Location (City, State): Lockport, New York		Driller: CME		Easting:	
Drill Rig Type: GeoProbe 66DT (Track Mounted)				Borehole Diameter (ft.): 0.25	
Type of Sampling Device: GeoProbe Macro-Core Sampler				Type of Casing: N/A	
Depth (feet)	Sample ID	STRATUM	SOIL DESCRIPTION (Unified Soil Classification System)	% Recovery	PID Screening (ppm)
0		0-0.8'	CONCRETE		
1		0.8'			
		1.6'	Gray, SILTY-CLAY , dry, no-odor		0.8
2		1.6-1.8'	Black, GRANULAR FILL (fine-medium), dry, no-odor		
		1.8-2.8'	Gray-Brown, SILTY-CLAY , dry, no-odor		7.1
3		2.8'			
		3.8'	Light Brown, SANDY-CLAY , Moist, no-odor		6.0
4		3.8'			
		4.8'	Gray-Brown, SILTY CLAY , Moist, no-odor		5.8
5		4.8'			
6					
7					
8			Lt. Brown, SILT , Dry, no-odor		3.2
9					
		10'			4.1
10		----->	Boring Terminated @ 10' BGS		
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
Depth to Water _____ (ft) Date & Time _____			Comments: None		Boring No. B2-12
Depth to Water _____ (ft) Date & Time _____					

		SUBSURFACE BORING LOG		Start Date: 02/18/2009 End Date: 02/22/2009	Boring No. B2-13
Project: Commerce Square		Geologist: D. Hoffman		Weather: ~25°F, Calm, Lt. Snow	
Client: NYSDEC Reg. 9		Project Manager: N. Wohlabauh		Northing:	Datum:
Location (City, State): Lockport, New York		Driller: CME		Easting:	
Drill Rig Type: GeoProbe 66DT (Track Mounted)				Borehole Diameter (ft.): 0.25	
Type of Sampling Device: GeoProbe Macro-Core Sampler				Type of Casing: N/A	
Depth (feet)	Sample ID	STRATUM	SOIL DESCRIPTION (Unified Soil Classification System)	% Recovery	PID Screening (ppm)
0		0-.7'	CONCRETE		
1		0.7'			
		1.5'	Black, GRANULAR FILL (fine-medium), dry, no-odor		0.6
2		1.5'			5.2
3		3.1'	Drk. Brown, CLAYEY-SILT, Dry, no-odor		7.6
4		3.1'			3.8
5					
6			Brown, CLAY, Dry, no-odor		3.2
7					4.1
8		8.1'			3.2
9		8.1'	Lt. Brown, SILT, Dry, no-odor		2.8
10		10'			
		----->	Boring Terminated @ 10' BGS		
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
Depth to Water _____ (ft) Date & Time _____			Comments: None		Boring No. B2-13
Depth to Water _____ (ft) Date & Time _____					

		SUBSURFACE BORING LOG		Start Date: 02/18/2009 End Date: 02/22/2009	Boring No. B2-14
Project: Commerce Square		Geologist: D. Hoffman		Weather: ~25°F, Calm, Lt. Snow	
Client: NYSDEC Reg. 9		Project Manager: N. Wohlabough		Northing:	Datum:
Location (City, State): Lockport, New York		Driller: CME		Easting:	
Drill Rig Type: GeoProbe 66DT (Track Mounted)				Borehole Diameter (ft.): 0.25	
Type of Sampling Device: GeoProbe Macro-Core Sampler				Type of Casing: N/A	
Depth (feet)	Sample ID	STRATUM	SOIL DESCRIPTION (Unified Soil Classification System)	% Recovery	PID Screening (ppm)
0		1.1'	CONCRETE		
1		01.1'	Lt. Brown, SILT , Dry, no-odor		0.2
2		2.3'			1.1
3		2.3'			3.9
4			Lt. Brown, SILTY-CLAY , Dry, moist-odor		1.4
5					
6		6.1'			2.4
7		6.1'	Med.-Drk. Brown, SILTY-CLAY , Dry, moist-odor		2.1
8		8.2'			1.9
9		8.2'	Lt. Brown, SILTY-CLAY , Dry, moist-odor		1.8
10		10'			
		----->	Boring Terminated @ 10' BGS		
11					
12					
13			End Date: 02/22/2009		
14					
15					
16					
17					
18					
19					
20					
21					
22					
Depth to Water _____ (ft) Date & Time _____			Comments: None		Boring No. B2-14
Depth to Water _____ (ft) Date & Time _____					

		SUBSURFACE BORING LOG		Start Date: 02/18/2009 End Date: 02/22/2009	Boring No. B2-15
Project: Commerce Square		Geologist: D. Hoffman		Weather: ~25°F, Calm, Lt. Snow	
Client: NYSDEC Reg. 9		Project Manager: N. Wohlabach		Northing:	Datum:
Location (City, State): Lockport, New York		Driller: CME		Easting:	
Drill Rig Type: GeoProbe 66DT (Track Mounted)				Borehole Diameter (ft.): 0.25	
Type of Sampling Device: GeoProbe Macro-Core Sampler				Type of Casing: N/A	
Depth (feet)	Sample ID	STRATUM	SOIL DESCRIPTION (Unified Soil Classification System)	% Recovery	PID Screening (ppm)
0		0-.6'	CONCRETE		
1		0.6'			
		1.6'	Brown, SILTY-CLAY (fine-medium), dry, no-odor		0.4
2		1.6'			1.1
3					3.9
4					1.4
5					
6			Brown, SILT , Dry, no-odor (very compact)		2.4
7					2.1
8					1.9
9					1.8
10		10'			
		----->	Boring Terminated @ 10' BGS		
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
Depth to Water _____ (ft) Date & Time _____			Comments: None		Boring No. B2-15
Depth to Water _____ (ft) Date & Time _____					

		SUBSURFACE BORING LOG		Start Date: 02/18/2009 End Date: 02/22/2009	Boring No. B2-16
Project: Commerce Square		Geologist: D. Hoffman		Weather: ~25°F, Calm, Lt. Snow	
Client: NYSDEC Reg. 9		Project Manager: N. Wohlabauh		Northing:	Datum:
Location (City, State): Lockport, New York		Driller: CME		Easting:	
Drill Rig Type: GeoProbe 66DT (Track Mounted)				Borehole Diameter (ft.): 0.25	
Type of Sampling Device: GeoProbe Macro-Core Sampler				Type of Casing: N/A	
Depth (feet)	Sample ID	STRATUM	SOIL DESCRIPTION (Unified Soil Classification System)	% Recovery	PID Screening (ppm)
0		0-.6'	CONCRETE		
1		0.6'			
		1.6'	Drk. Gray, GRAVEL(fine-medium), moist, anthropogenic-odor		1.8
2		1.6'			1.4
3					1.7
4		4.1'	Brown, SANDY-SILT, Dry, no-odor		1.9
5		4.1'			2.5
6					18.5
7					4.8
8					4.3
9		10'			
10		----->	Boring Terminated @ 10' BGS		
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
Depth to Water _____ (ft) Date & Time _____			Comments: None		Boring No. B2-16
Depth to Water _____ (ft) Date & Time _____					

		SUBSURFACE BORING LOG		Start Date: 02/18/2009 End Date: 02/22/2009	Boring No. B2-17
Project: Commerce Square		Geologist: D. Hoffman		Weather: ~25°F, Calm, Lt. Snow	
Client: NYSDEC Reg. 9		Project Manager: N. Wohlabach		Northing:	Datum:
Location (City, State): Lockport, New York		Driller: CME		Easting:	
Drill Rig Type: GeoProbe 66DT (Track Mounted)				Borehole Diameter (ft.): 0.25	
Type of Sampling Device: GeoProbe Macro-Core Sampler				Type of Casing: N/A	
Depth (feet)	Sample ID	STRATUM	SOIL DESCRIPTION (Unified Soil Classification System)	% Recovery	PID Screening (ppm)
0		0-.5'	CONCRETE		
1		0.5'			
		1.5'	Drk. Gray, GRAVEL(fine-medium), moist, anthropogenic-odor		1.7
2		1.5'			1.7
3					2.6
4		4.6'	Brown, SANDY-SILT, Dry, no-odor		2.3
5		4.6'			1.5
6					1.0
7					4.7
8					6.4
9					
10					
11					
12					
13					
14					
15		15'			
15		----->	Boring Terminated @ 15' BGS		
16					
17					
18					
19					
20					
21					
22					
Depth to Water _____ (ft) Date & Time _____			Comments: None		Boring No. B2-17
Depth to Water _____ (ft) Date & Time _____					

 OP-TECH® Response • Service • Experience		SUBSURFACE BORING LOG		Start Date: 02/18/2009 End Date: 02/22/2009	Boring No. B2-18
Project: Commerce Square		Geologist: D. Hoffman		Weather: ~25°F, Calm, Lt. Snow	
Client: NYSDEC Reg. 9		Project Manager: N. Wohlabaug		Northing:	Datum:
Location (City, State): Lockport, New York		Driller: CME		Easting:	
Drill Rig Type: GeoProbe 66DT (Track Mounted)				Borehole Diameter (ft.): 0.25	
Type of Sampling Device: GeoProbe Macro-Core Sampler				Type of Casing: N/A	
Depth (feet)	Sample ID	STRATUM	SOIL DESCRIPTION (Unified Soil Classification System)	% Recovery	PID Screening (ppm)
0		0-.7'	CONCRETE		
1		0.7'			
		1.4'	Drk. Gray, GRAVEL(fine-medium), moist, anthropogenic-odor		1.2
2		1.4'			3.9
3					4.8
4			Brown, CLAY (re-worked), Dry, no-odor		6.8
5					
6					5.0
		6.8'			
7		6.8'			1.2
8					2.8
9			Brown, SILT, Dry, no-odor		5.4
10		12.3'			
		12.3'			11.2
11					35.7
12			Brown, SILT, moist, no-odor		15.1
13					62
14					
		15'			
15		----->	Boring Terminated @ 15' BGS		
16					
17					
18					
19					
20					
21					
22					
Depth to Water _____ (ft) Date & Time _____			Comments: None		Boring No. B2-18
Depth to Water _____ (ft) Date & Time _____					

		SUBSURFACE BORING LOG		Start Date: 02/18/2009 End Date: 02/22/2009	Boring No. B2-19
Project: Commerce Square		Geologist: D. Hoffman		Weather: ~25°F, Calm, Lt. Snow	
Client: NYSDEC Reg. 9		Project Manager: N. Wohlabach		Northing:	Datum:
Location (City, State): Lockport, New York		Driller: CME		Easting:	
Drill Rig Type: GeoProbe 66DT (Track Mounted)				Borehole Diameter (ft.): 0.25	
Type of Sampling Device: GeoProbe Macro-Core Sampler				Type of Casing: N/A	
Depth (feet)	Sample ID	STRATUM	SOIL DESCRIPTION (Unified Soil Classification System)	% Recovery	PID Screening (ppm)
0		0-.8'	CONCRETE		
1		0.8'	Gray-Tan, CLAY, Dry, no-odor		1.0
2					1.1
3					0.9
4		3.9'			
		----->	Boring Terminated @ 3.9' BGS		
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
Depth to Water _____ (ft) Date & Time _____			Comments: None		Boring No. B2-19
Depth to Water _____ (ft) Date & Time _____					

		SUBSURFACE BORING LOG		Start Date: 04/06/2010 End Date: 04/15/2010	Boring No. BR - 1
Project Number: FD900438		Geologist: T. Bown		Weather: Cloudy, ~ 55° F	
Client: NYSDEC - Commerce Square		Project Manager: T. Bown		Northing: 1154639.022 Easting: 1120251.749	Elev: 618.02
Location (City, State): Lockport, New York		Driller: B. Fletcher			
Drill Rig Type: CME -55				Borehole Diameter (in.): 12	
Type of Sampling Device: 2.0 in. Split Spoon			Type of Casing: 6.25 in. Hollow Stem Augers		
Depth (ft)	Sample ID (Recovery)	SPT	SOIL DESCRIPTION (Unified Soil Classification System)	USCS Symbol	PID Screening (ppm)
0.0			Concrete		
0.7				0.7	
0.7	S1	5			
		13	Black, 25% fragments of cinder ash, 70% particles of ash, and 5% medium sand, no odor, dry.		0.0 ppm
	15/24	9			
2.7		1	FILL		
2.7	S2	10			
		11	Similar as to S1.		0.0 ppm
	5/24	6			
4.7		2		4.7	
4.7	S3	6			
		8	Very stiff, red brown, CLAY , trace small gravel, no odor, dry, Medium to high	CL	0.0 ppm
	10/24	8	plasticity, medium toughness, slow dilatency.		
6.7		10			
6.7	S4	8			
		8	Very stiff, red brown, CLAY , trace silt, no odor, dry, medium to high plasticity,	CL	0.0 ppm
	15/24	10	medium toughness, slow dilatency.		
8.7		15			
8.7	S5	2			
		3	Medium stiff, red brown, CLAY , little silt, trace medium to coarse sand, no odor, wet,	CL	0.0 ppm
	17/24	5			
10.7		6	TONAWANDA SILTS & CLAYS		
10.7	S6	13			
		13	Hard, red brown, CLAY , little silt, trace coarse sand and small gravel, no odor, wet.	CL	0.0 ppm
	17/24	23	Seam of sandy CLAY with small gravel, wet, from 8.7 to 9.1.		
12.7		30		12.7	
12.7	S7	7			
		13	Hard, red brown, SILT , trace small gravel, no odor, wet.	ML	0.0 ppm
	15/24	23			
14.7		23			
14.7	S8	14			
		17	Hard, red brown, SILT with fine sand, no odor, moist to dry.	ML	0.0 ppm
	14/24	20			
16.7		23			
16.7	S9	23	Hard, red brown, SILT with fine sand, some large gravel, no odor, moist to dry.	ML	
		21	17.8		
	22/24	22	Dense, fine to medium SAND , trace silt, nodor, dry to moist.	SP	0.0 ppm
18.7		25			
18.7	S10	35	Very dense, red brown, medium SAND with large gravel, no odor, moist	SP	
		17	Hard, red brown, SILT , no odor, wet.	ML	0.0 ppm
	13/24	32		20.1	
20.7		52	Very dense, red brown, medium SAND with large gravel, no odor, moist	SP	
20.7	S11	36	Very dense, red brown, medium SAND with small gravel, no odor, moist	SP	0.0 ppm
		24			
	18/24	35		21.2	
22.7		52	Hard, red brown, SILT , no odor, wet.	ML	
Depth to Water 18.0 (ft) Date & Time 04/06/2010 14:00			Comments: Roller-bitted to 25.0 ft. BGs and set permanent 4in. Steel casing.		Boring No. BR - 1
Depth to Water _____ (ft) Date & Time _____					



BR - 1

		SUBSURFACE BORING LOG		Start Date: 04/07/2010 End Date: 04/15/2010	Boring No. BR - 2
Project Number: FD900438		Geologist: T. Bown		Weather: Cloudy, ~ 55° F	
Client: NYSDEC - Commerce Square		Project Manager: T. Bown		Northing: 1154639.022 Easting: 1120359.881	Elev: 616.70
Location (City, State): Lockport, New York		Driller: B. Fletcher			
Drill Rig Type: CME -55				Borehole Diameter (in.): 12	
Type of Sampling Device: 2.0 in. Split Spoon				Type of Casing: 6.25 in. Hollow Stem Augers	
Depth (ft)	Sample ID (Recovery)	SPT	SOIL DESCRIPTION (Unified Soil Classification System)	USCS Symbol	PID Screening (ppm)
0.0		2			
	S1	7	Brown/black, large GRAVEL , brick fragments, cinder particles, ash particles and specks,		0.0 ppm
	8/24	5	dry, no odor.		
2.0		5	FILL		
2.0		4			
	S2	3	Similar as to above except with CLAY .		0.0 ppm
	3/24	3			
4.0		3			
4.0		2			
	S3	5	Stiff, red brown, CLAY , dry, no odor.	CL	0.0 ppm
	12/24	8			
6.0		10			
6.0		11			
	S4	15	Stiff, red brown, CLAY , dry, no odor.	CL	0.0 ppm
	18/24	16			
8.0		21			
8.0		4			
	S5	8	Stiff, red brown, CLAY , dry, no odor.	CL	0.0 ppm
	20/24	9			
10.0		21			
10.0		11			
	S6	12	Very stiff, red brown, CLAY , some silt, trace fine sand, moist, no odor.	CL	0.0 ppm
	20/24	12			
12.0		11	TONAWANDA SILTS & CLAYS		
12.0		5			
	S7	11	Very stiff, red brown, sandy CLAY , trace medium sand, moist to wet, no odor.	CL	0.0 ppm
	17/24	7			
14.0		10			
14.0		4			
	S8	11	Very stiff, red brown, SILT with fine to medium sand, trace small gravel, moist, no odor.	ML	0.0 ppm
	20/24	14			
16.0		16			
16.0		11			
	S9	13	Very stiff, red brown, SILT , little fine sand, wet, no odor.	ML	0.0 ppm
	14/24	10			
18.0		21			
18.0		4			
	S10	5	Medium dense, red brown, medium SAND with silt, wet, no odor.	SM	0.0 ppm
	6/24	8			
20.0		20			
20.0		35			
	S11	45	Hard, red brown, SILT , little fine sand, trace large gravel, wet, no odor.	ML	0.0 ppm
	3/24	94			
21.7		100/2			
21.7					
22.0	S12	100/3	Weathered Bedrock		0.0 ppm
22.2	2/3		NOTE: Split spoon sample refusal at 22.2 feet BGS. Top of bedrock at 21.7 feet BGS.		
Depth to Water <u>17.0</u> (ft) Date & Time <u>04/07/2010 15:40</u>				Comments: Roller-bitted to 24.0 ft. BGs and set permanent 4in. Steel casing.	
Depth to Water _____ (ft) Date & Time _____				Boring No. BR - 2	

		SUBSURFACE BORING LOG		Start Date: 04/09/2010 End Date: 04/15/2010	Boring No. BR - 3
Project Number: FD900438		Geologist: T. Bown		Weather: Cloudy, ~ 55° F	
Client: NYSDEC - Commerce Square		Project Manager: T. Bown		Northing: 1154865.941	Elev: 615.80
Location (City, State): Lockport, New York		Driller: B. Fletcher		Easting: 1120320.541	
Drill Rig Type: CME -55				Borehole Diameter (in.): 12	
Type of Sampling Device: 2.0 in. Split Spoon				Type of Casing: 6.25 in. Hollow Stem Augers	
Depth (ft)	Sample ID (Recovery)	SPT	SOIL DESCRIPTION (Unified Soil Classification System)	USCS Symbol	PID Screening (ppm)
0.0			Asphalt with thick layers of concrete and wood.		0.0 ppm
2.0			FILL		
2.0		2		2	
	S1	4	Stiff, brown/red brown, CLAY , dry, no odor.	CL	0.0 ppm
	9/24	7			
4.0		11			
4.0		4			
	S2	9	Very stiff, red brown, CLAY , trace silt, dry, no odor.	CL	0.0 ppm
	8/24	11			
6.0		13			
6.0		14			
	S3	14	Hard, red brown, CLAY , trace silt, dry, no odor.	CL	0.0 ppm
	17/24	16			
8.0		18			
8.0		5			
	S4	8	Very stiff, red brown, CLAY , trace silt, dry to moist, no odor.	CL	0.0 ppm
	20/24	10			
10.0		14			
10.0		10			
	S5	13	Very stiff, red brown, CLAY , trace silt, dry to moist, no odor.	CL	0.0 ppm
	17/24	15			
12.0		17	TONAWANDA SILTS & CLAYS		
12.0		3			
	S6	3	Medium stiff, red brown/gray brown, CLAY , some fine sand, little silt, dry to moist,	CL	0.0 ppm
	15/24	4	no odor, yellow brown, laminae of fine sand.		
14.0		5			
14.0		2			
	S7	6	Medium stiff, red brown, fine to medium sandy CLAY , some silt, trace small gravel,	CL	0.0 ppm
	13/24	3	wet, no odor.		
16.0		3			
16.0		7			
	S8	20	No recovery.		
	0/24	18			
18.0		20			
18.0		28	Hard, red brown, CLAY , some fine sand, trace small gravel, wet, no odor.	CL	
	S9	46		19	0.0 ppm
	12/24	45	Gray, Weathered Bedrock fragments, little medium sand, trace clay, wet, no odor.		
20.0		46			
20.0	S10	100/5	Gray, Weathered Bedrock		
20.5	3/5		LOCKPORT DOLOSTONE		
			NOTE: Split spoon sample refusal at 20.5 feet BGS. Top of bedrock at 19.0 feet BGS.		
Depth to Water (ft) Date & Time			Comments: Roller-bitted to 22.5 ft. BGs and set permanent 4in. Steel casing.		Boring No. BR - 3
Depth to Water (ft) Date & Time					

BR - 3

		SUBSURFACE BORING LOG		Start Date: 04/13/2010 End Date: 04/15/2010	Boring No. BR - 4
Project Number: FD900438		Geologist: T. Bown		Weather: Cloudy, ~ 55° F	
Client: NYSDEC - Commerce Square		Project Manager: T. Bown		Northing: 1154803.230	Elev: 617.11
Location (City, State): Lockport, New York		Driller: B. Fletcher		Easting: 1120102.800	
Drill Rig Type: CME -55				Borehole Diameter (in.): 12	
Type of Sampling Device: 2.0 in. Split Spoon				Type of Casing: 6.25 in. Hollow Stem Augers	
Depth (ft)	Sample ID (Recovery)	SPT	SOIL DESCRIPTION (Unified Soil Classification System)	USCS Symbol	PID Screening (ppm)
0.0			Asphalt		
0.7					0.0 ppm
0.7	S1	5	Medium stiff, brown, CLAY , little large gravel, dry, no odor.	CL	
2.0	6/12	7			
2.0		3			
	S2	3	Medium stiff, brown, CLAY , little small gravel, moist, no odor.	CL	0.0 ppm
	8/24	3			
4.0		3	TONAWANDA SILTS & CLAYS		
4.0		1			
	S3	3	Medium stiff, red brown, CLAY , little fine sand, moist to wet, no odor.	CL	0.0 ppm
	14/24	3	Seam of sandy CLAY , wet at 5.8feet.		
6.0		5		6	
6.0		6	Very stiff, red brown, sandy SILT , wet, no odor.	ML	
	S4	10		7.9	0.0 ppm
	12/24	7	Very stiff, red brown, CLAY , some fine sand, wet, no odor.	CL	
8.0		10		8	
8.0		4			
	S5	6	Stiff, red brown, SILT with sand, wet, no odor.	ML	0.0 ppm
	8/24	8			
10.0		5			
10.0		7			
	S6	9	Very stiff, red brown, SILT with sand, wet, no odor, seam of sandy lean CLAY .	ML	0.0 ppm
	19/24	15			
12.0		20		12	
12.0		7			
	S7	15	Dense, red brown, fine SAND with silt, wet, no odor.	SM	0.0 ppm
	13/24	15			
14.0		17			
14.0		4			
	S8	11	Medium dense, red brown, fine SAND with silt, wet, no odor.	SM	0.0 ppm
	12/24	11			
16.0		11		16	
16.0		11			
	S9	12	Medium dense, red brown, fine to medium SAND , little silt, wet, no odor.	SP	0.0 ppm
	11/24	15			
18.0		21		18	
18.0		8	Very stiff, red brown, SILT , little fine sand, wet, no odor.,	ML	
	S10	12		19	0.0 ppm
	16/24	30	Dense, gray brown, fine to coarse SAND with small gravel, wet, no odor.	SP	
20.0		49			
20.0		40	Very dense, gray brown, fine to coarse SAND with small gravel, wet, no odor.	SP	0.0 ppm
	S11	60			
	6/20	81			
22.0		100/2		22	
22.0	S12	20	Weathered rock fragments		0.0 ppm
23.0	6/9	100/3	LOCKPORT DOLOSTONE		
NOTE: Split spoon sample refusal at 22.8 feet BGS. Top of bedrock at 22.0 feet BGS.					
Depth to Water 13.4(ft) Date & Time 04/12/201 15:40				Comments: Roller-bitted to 24.5 ft. BGs and set permanent 4in. Steel casing.	
Depth to Water (ft) Date & Time				Boring No. BR - 4	

BR - 4



Weather: Sunny, ~ 65° F

Elev.: ToC

Easting: NA

Borehole Diameter (in.): 12

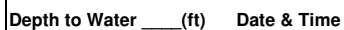
Type of Casing: 6.25 in. Hollow Stem Augers

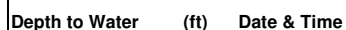
[illegible]

Boring No.
GPO - 2

Depth to Water ____ (ft) Date & Time

		SUBSURFACE BORING LOG		Start Date: 04/20/2010 End Date: 04/20/2010	Boring No. GPO - 3
Project Number: FD900438		Geologist: T. Bown		Weather: Sunny, ~ 65° F	
Client: NYSDEC - Commerce Square		Project Manager: T. Bown		Northing: NA	Elev.: ToC
Location (City, State): Lockport, New York		Driller: B. Fletcher		Easting: NA	
Drill Rig Type: Geoprobe 6610DT				Borehole Diameter (in.): 12	
Type of Sampling Device: 2.0 in. Split Spoon			Type of Casing: 6.25 in. Hollow Stem Augers		
Depth (ft)	Sample ID (Recovery)	Stratum	SOIL DESCRIPTION (Unified Soil Classification System)	USCS Symbol	PID Screening (ppm)
1.0					
	G1		Dark gray / brown, particles and fragments of asphalt, brick, concrete, some sand and clay, dry, faint odor.		05 -7.7
		2.4			
	42/60	2.4			
			Red brown, CLAY , little silt, fine sand, dry to moist, no odor.	CL	0.5 - 3.7
5.0					
5.0					
	G2				
			Red brown, CLAY , little silt, dry to moist, weathered petroleum/solvent-like odor, homogenous.	CL	500.0
			Field PID 7.0 -500ppm		
	48/60		Sample collected from 6 -8 feet.		
10.0		10			
10.0		10			
	G3				
			Red brown, sandy SILT , moist to wet, weathered petroleum/solvent-like odor.	ML	333.0
			Field PID 49.8 - 333ppm		
	24/60				
15.0		15			
		15			
	G4				
			Red brown, silty SAND with small gravel, moist, faint weathered petroleum/solventy-like odor.	SM	24.9
	20/48				
19.0					
			Bottom of exploration 19.0 feet. Geoprobe refusal.		
Depth to Water _____ (ft) Date & Time _____			Comments:		Boring No. GPO - 3
Depth to Water _____ (ft) Date & Time _____					









Weather: Sunny. ~ 65° F

Elev.: ToC

Easting: NA

Borehole Diameter (in.): 12

Type of Casing: 6.25 in. Hollow Stem Augers

[illegible]

Boring No.
GPO - 9

Depth to Water ____ (ft) Date & Time

Appendix D

Analytical Report

Work Order: RTB0894

Project Description

Commerce Square: Site# E932141

For:

Jeffrey Konsella

New York State D.E.C. - Buffalo, NY

270 Michigan Avenue

Buffalo, NY 14203



Brian Fischer

Project Manager

Brian.Fischer@testamericainc.com

Tuesday, March 2, 2010

The test results in this report meet all NELAP requirements for analytes for which accreditation is required or available. Any exception to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this test report should be directed to the TestAmerica Project manager who has signed this report.

TestAmerica Buffalo Current Certifications

As of 12/21/2009

STATE	Program	Cert # / Lab ID
Arkansas	CWA, RCRA, SOIL	88-0686
California*	NELAP CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida*	NELAP CWA, RCRA	E87672
Georgia*	SDWA, NELAP CWA, RCRA	956
Illinois*	NELAP SDWA, CWA, RCRA	200003
Iowa	SW/CS	374
Kansas*	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana*	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY0044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	SDWA, CWA, RCRA	036-999-337
New Hampshire*	NELAP SDWA, CWA	233701
New Jersey*	NELAP, SDWA, CWA, RCRA,	NY455
New York*	NELAP, AIR, SDWA, CWA, RCRA, CLP	10026
Oklahoma	CWA, RCRA	9421
Pennsylvania*	NELAP CWA, RCRA	68-00281
Tennessee	SDWA	02970
Texas*	NELAP CWA, RCRA	T104704412-08-TX
USDA	FOREIGN SOIL PERMIT	S-41579
Virginia	SDWA	278
Washington*	NELAP CWA, RCRA	C1677
Wisconsin	CWA, RCRA	998310390
West Virginia	CWA, RCRA	252

*As required under the indicated accreditation, the test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report.

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTB0894

Project: Commerce Square: Site# E932141

Project Number: E932141

Received: 02/22/10

Reported: 03/02/10 09:43

CASE NARRATIVE

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. field-pH), they were not analyzed immediately, but as soon as possible after laboratory receipt.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverables has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.



Brian Fischer
Project Manager

Tuesday, March 2, 2010

A pertinent document is appended to this report, 1 page, is included and is an integral part of this report.

Reproduction of this analytical report is permitted only in its entirety. This report shall not be reproduced except in full without the written approval of the laboratory.

TestAmerica Laboratories, Inc. certifies that the analytical results contained herein apply only to the samples tested as received by our Laboratory.

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTB0894

Project: Commerce Square: Site# E932141

Project Number: E932141

Received: 02/22/10

Reported: 03/02/10 09:43

DATA QUALIFIERS AND DEFINITIONS

- J** Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL). Concentrations within this range are estimated.
- NR** Any inclusion of NR indicates that the project specific requirements do not require reporting estimated values below the laboratory reporting limit.

ADDITIONAL COMMENTS

Results are reported on a wet weight basis unless otherwise noted.

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTB0894

Project: Commerce Square: Site# E932141

Project Number: E932141

Received: 02/22/10

Reported: 03/02/10 09:43

Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTB0894-01 (B4-09 - Solid)						Sampled: 02/18/10		Recvd: 02/22/10 16:45		
<u>Volatile Organic Compounds by EPA 8260B</u>										
Acetone	34		27	1.2	ug/kg dry	1.00	02/25/10 16:46	PQ	10B1465	8260B
Methylene Chloride	10		5.5	1.1	ug/kg dry	1.00	02/25/10 16:46	PQ	10B1465	8260B
<u>Semivolatile Organics by GC/MS</u>										
Biphenyl	46	J	190	12	ug/kg dry	1.00	02/25/10 16:26	MKP	10B1344	8270C
Bis(2-ethylhexyl) phthalate	700		190	61	ug/kg dry	1.00	02/25/10 16:26	MKP	10B1344	8270C
Fluoranthene	16	J	190	2.8	ug/kg dry	1.00	02/25/10 16:26	MKP	10B1344	8270C
Phenanthrene	59	J	190	4.0	ug/kg dry	1.00	02/25/10 16:26	MKP	10B1344	8270C
<u>Total Metals by SW 846 Series Methods</u>										
Aluminum	4720		10.5	NR	mg/kg dry	1.00	02/24/10 20:59	LMH	10B1297	6010B
Barium	75.1		0.527	NR	mg/kg dry	1.00	02/24/10 20:59	LMH	10B1297	6010B
Calcium	37300		52.7	NR	mg/kg dry	1.00	02/24/10 20:59	LMH	10B1297	6010B
Chromium	6.14		0.527	NR	mg/kg dry	1.00	02/25/10 12:27	DAN	10B1297	6010B
Cobalt	4.08		0.527	NR	mg/kg dry	1.00	02/24/10 20:59	LMH	10B1297	6010B
Copper	9.3		1.1	NR	mg/kg dry	1.00	02/25/10 12:27	DAN	10B1297	6010B
Iron	8780		10.5	NR	mg/kg dry	1.00	02/25/10 12:27	DAN	10B1297	6010B
Lead	2.9		1.1	NR	mg/kg dry	1.00	02/24/10 20:59	LMH	10B1297	6010B
Magnesium	10400		21.1	NR	mg/kg dry	1.00	02/24/10 20:59	LMH	10B1297	6010B
Manganese	427		0.2	NR	mg/kg dry	1.00	02/24/10 20:59	LMH	10B1297	6010B
Nickel	8.58		5.27	NR	mg/kg dry	1.00	02/25/10 12:27	DAN	10B1297	6010B
Potassium	1110		31.6	NR	mg/kg dry	1.00	02/24/10 20:59	LMH	10B1297	6010B
Sodium	153		147	NR	mg/kg dry	1.00	02/24/10 20:59	LMH	10B1297	6010B
Vanadium	9.72		0.527	NR	mg/kg dry	1.00	02/24/10 20:59	LMH	10B1297	6010B
Zinc	18.9		2.1	NR	mg/kg dry	1.00	02/24/10 20:59	LMH	10B1297	6010B
<u>General Chemistry Parameters</u>										
Percent Solids	88		0.010	NR	%	1.00	02/23/10 16:42	CxM	10B1288	Dry Weight

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTB0894

Project: Commerce Square: Site# E932141

Project Number: E932141

Received: 02/22/10

Reported: 03/02/10 09:43

Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTB0894-02 (B4-13 - Solid)						Sampled: 02/18/10		Recvd: 02/22/10 16:45		
<u>Volatile Organic Compounds by EPA 8260B</u>										
Acetone	13	J	32	1.4	ug/kg dry	1.00	02/25/10 17:11	PQ	10B1465	8260B
Methylene Chloride	12		6.3	1.3	ug/kg dry	1.00	02/25/10 17:11	PQ	10B1465	8260B
Tetrachloroethene	2.8	J	6.3	0.85	ug/kg dry	1.00	02/25/10 17:11	PQ	10B1465	8260B
<u>Total Metals by SW 846 Series Methods</u>										
Aluminum	14400		13.1	NR	mg/kg dry	1.00	02/24/10 21:24	LMH	10B1297	6010B
Arsenic	4.8		2.6	NR	mg/kg dry	1.00	02/24/10 21:24	LMH	10B1297	6010B
Barium	89.9		0.655	NR	mg/kg dry	1.00	02/24/10 21:24	LMH	10B1297	6010B
Beryllium	0.524		0.262	NR	mg/kg dry	1.00	02/24/10 21:24	LMH	10B1297	6010B
Cadmium	0.402		0.262	NR	mg/kg dry	1.00	02/24/10 21:24	LMH	10B1297	6010B
Calcium	54300		65.5	NR	mg/kg dry	1.00	02/24/10 21:24	LMH	10B1297	6010B
Chromium	21.1		0.655	NR	mg/kg dry	1.00	02/25/10 13:05	DAN	10B1297	6010B
Cobalt	6.71		0.655	NR	mg/kg dry	1.00	02/24/10 21:24	LMH	10B1297	6010B
Copper	25.3		1.3	NR	mg/kg dry	1.00	02/25/10 13:05	DAN	10B1297	6010B
Iron	22900		13.1	NR	mg/kg dry	1.00	02/25/10 13:05	DAN	10B1297	6010B
Lead	115		1.3	NR	mg/kg dry	1.00	02/24/10 21:24	LMH	10B1297	6010B
Magnesium	4290		26.2	NR	mg/kg dry	1.00	02/24/10 21:24	LMH	10B1297	6010B
Manganese	299		0.3	NR	mg/kg dry	1.00	02/24/10 21:24	LMH	10B1297	6010B
Nickel	16.0		6.55	NR	mg/kg dry	1.00	02/25/10 13:05	DAN	10B1297	6010B
Potassium	1820		39.3	NR	mg/kg dry	1.00	02/24/10 21:24	LMH	10B1297	6010B
Sodium	183		183	NR	mg/kg dry	1.00	02/24/10 21:24	LMH	10B1297	6010B
Vanadium	24.9		0.655	NR	mg/kg dry	1.00	02/24/10 21:24	LMH	10B1297	6010B
Zinc	370		2.6	NR	mg/kg dry	1.00	02/24/10 21:24	LMH	10B1297	6010B
Mercury	0.0568		0.0269	NR	mg/kg dry	1.00	02/26/10 17:01	MXM	10B1532	7471A
<u>General Chemistry Parameters</u>										
Percent Solids	78		0.010	NR	%	1.00	02/23/10 16:44	CxM	10B1288	Dry Weight

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
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Reported: 03/02/10 09:43

Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTB0894-03 (B2-05 - Solid)						Sampled: 02/19/10		Recvd: 02/22/10 16:45		
<u>Volatile Organic Compounds by EPA 8260B</u>										
Acetone	32		29	1.3	ug/kg dry	1.00	02/25/10 17:36	PQ	10B1465	8260B
Methylene Chloride	9.9		5.8	1.2	ug/kg dry	1.00	02/25/10 17:36	PQ	10B1465	8260B
<u>Total Metals by SW 846 Series Methods</u>										
Aluminum	8450		11.6	NR	mg/kg dry	1.00	02/24/10 21:29	LMH	10B1297	6010B
Arsenic	2.4		2.3	NR	mg/kg dry	1.00	02/24/10 21:29	LMH	10B1297	6010B
Barium	70.8		0.581	NR	mg/kg dry	1.00	02/24/10 21:29	LMH	10B1297	6010B
Beryllium	0.362		0.232	NR	mg/kg dry	1.00	02/24/10 21:29	LMH	10B1297	6010B
Calcium	42800		58.1	NR	mg/kg dry	1.00	02/24/10 21:29	LMH	10B1297	6010B
Chromium	12.1		0.581	NR	mg/kg dry	1.00	02/25/10 13:10	DAN	10B1297	6010B
Cobalt	8.88		0.581	NR	mg/kg dry	1.00	02/24/10 21:29	LMH	10B1297	6010B
Copper	9.6		1.2	NR	mg/kg dry	1.00	02/25/10 13:10	DAN	10B1297	6010B
Iron	15100		11.6	NR	mg/kg dry	1.00	02/25/10 13:10	DAN	10B1297	6010B
Lead	2.8		1.2	NR	mg/kg dry	1.00	02/24/10 21:29	LMH	10B1297	6010B
Magnesium	8130		23.2	NR	mg/kg dry	1.00	02/24/10 21:29	LMH	10B1297	6010B
Manganese	640		0.2	NR	mg/kg dry	1.00	02/24/10 21:29	LMH	10B1297	6010B
Nickel	19.6		5.81	NR	mg/kg dry	1.00	02/25/10 13:10	DAN	10B1297	6010B
Potassium	1390		34.9	NR	mg/kg dry	1.00	02/24/10 21:29	LMH	10B1297	6010B
Sodium	182		163	NR	mg/kg dry	1.00	02/24/10 21:29	LMH	10B1297	6010B
Vanadium	16.6		0.581	NR	mg/kg dry	1.00	02/24/10 21:29	LMH	10B1297	6010B
Zinc	38.4		2.3	NR	mg/kg dry	1.00	02/24/10 21:29	LMH	10B1297	6010B
<u>General Chemistry Parameters</u>										
Percent Solids	83		0.010	NR	%	1.00	02/23/10 16:46	CxM	10B1288	Dry Weight

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTB0894

Project: Commerce Square: Site# E932141

Project Number: E932141

Received: 02/22/10

Reported: 03/02/10 09:43

Sample Summary

Sample Identification	Lab Number	Client Matrix	Date/Time Sampled	Date/Time Received	Sample Qualifiers
B4-09	RTB0894-01	Solid	02/18/10	02/22/10 16:45	
B4-13	RTB0894-02	Solid	02/18/10	02/22/10 16:45	
B2-05	RTB0894-03	Solid	02/19/10	02/22/10 16:45	

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTB0894

Project: Commerce Square: Site# E932141

Project Number: E932141

Received: 02/22/10

Reported: 03/02/10 09:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTB0894-01 (B4-09 - Solid)						Sampled: 02/18/10		Recvd: 02/22/10 16:45		
<u>Volatile Organic Compounds by EPA 8260B</u>										
1,1,1-Trichloroethane	ND		5.5	0.40	ug/kg dry	1.00	02/25/10 16:46	PQ	10B1465	8260B
1,1,2,2-Tetrachloroethane	ND		5.5	0.89	ug/kg dry	1.00	02/25/10 16:46	PQ	10B1465	8260B
1,1,2-Trichloroethane	ND		5.5	0.28	ug/kg dry	1.00	02/25/10 16:46	PQ	10B1465	8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.5	2.7	ug/kg dry	1.00	02/25/10 16:46	PQ	10B1465	8260B
1,1-Dichloroethane	ND		5.5	0.27	ug/kg dry	1.00	02/25/10 16:46	PQ	10B1465	8260B
1,1-Dichloroethene	ND		5.5	0.67	ug/kg dry	1.00	02/25/10 16:46	PQ	10B1465	8260B
1,2,4-Trichlorobenzene	ND		5.5	0.33	ug/kg dry	1.00	02/25/10 16:46	PQ	10B1465	8260B
1,2-Dibromo-3-chloropropane	ND		5.5	4.4	ug/kg dry	1.00	02/25/10 16:46	PQ	10B1465	8260B
1,2-Dibromoethane	ND		5.5	0.21	ug/kg dry	1.00	02/25/10 16:46	PQ	10B1465	8260B
1,2-Dichlorobenzene	ND		5.5	0.43	ug/kg dry	1.00	02/25/10 16:46	PQ	10B1465	8260B
1,2-Dichloroethane	ND		5.5	0.28	ug/kg dry	1.00	02/25/10 16:46	PQ	10B1465	8260B
1,2-Dichloropropane	ND		5.5	2.7	ug/kg dry	1.00	02/25/10 16:46	PQ	10B1465	8260B
1,3-Dichlorobenzene	ND		5.5	0.28	ug/kg dry	1.00	02/25/10 16:46	PQ	10B1465	8260B
1,4-Dichlorobenzene	ND		5.5	0.77	ug/kg dry	1.00	02/25/10 16:46	PQ	10B1465	8260B
2-Butanone	ND		27	2.0	ug/kg dry	1.00	02/25/10 16:46	PQ	10B1465	8260B
2-Hexanone	ND		27	2.7	ug/kg dry	1.00	02/25/10 16:46	PQ	10B1465	8260B
4-Methyl-2-pentanone	ND		27	1.8	ug/kg dry	1.00	02/25/10 16:46	PQ	10B1465	8260B
Acetone	34		27	1.2	ug/kg dry	1.00	02/25/10 16:46	PQ	10B1465	8260B
Benzene	ND		5.5	0.27	ug/kg dry	1.00	02/25/10 16:46	PQ	10B1465	8260B
Bromodichloromethane	ND		5.5	0.28	ug/kg dry	1.00	02/25/10 16:46	PQ	10B1465	8260B
Bromoform	ND		5.5	2.7	ug/kg dry	1.00	02/25/10 16:46	PQ	10B1465	8260B
Bromomethane	ND		5.5	1.2	ug/kg dry	1.00	02/25/10 16:46	PQ	10B1465	8260B
Carbon disulfide	ND		5.5	0.47	ug/kg dry	1.00	02/25/10 16:46	PQ	10B1465	8260B
Carbon Tetrachloride	ND		5.5	0.53	ug/kg dry	1.00	02/25/10 16:46	PQ	10B1465	8260B
Chlorobenzene	ND		5.5	0.72	ug/kg dry	1.00	02/25/10 16:46	PQ	10B1465	8260B
Dibromochloromethane	ND		5.5	0.30	ug/kg dry	1.00	02/25/10 16:46	PQ	10B1465	8260B
Chloroethane	ND		5.5	2.3	ug/kg dry	1.00	02/25/10 16:46	PQ	10B1465	8260B
Chloroform	ND		5.5	0.34	ug/kg dry	1.00	02/25/10 16:46	PQ	10B1465	8260B
Chloromethane	ND		5.5	0.33	ug/kg dry	1.00	02/25/10 16:46	PQ	10B1465	8260B
cis-1,2-Dichloroethene	ND		5.5	0.27	ug/kg dry	1.00	02/25/10 16:46	PQ	10B1465	8260B
cis-1,3-Dichloropropene	ND		5.5	0.31	ug/kg dry	1.00	02/25/10 16:46	PQ	10B1465	8260B
Cyclohexane	ND		5.5	0.25	ug/kg dry	1.00	02/25/10 16:46	PQ	10B1465	8260B
Dichlorodifluoromethane	ND		5.5	0.45	ug/kg dry	1.00	02/25/10 16:46	PQ	10B1465	8260B
Ethylbenzene	ND		5.5	0.38	ug/kg dry	1.00	02/25/10 16:46	PQ	10B1465	8260B
Isopropylbenzene	ND		5.5	0.83	ug/kg dry	1.00	02/25/10 16:46	PQ	10B1465	8260B
Methyl Acetate	ND		5.5	0.30	ug/kg dry	1.00	02/25/10 16:46	PQ	10B1465	8260B
Methyl-t-Butyl Ether (MTBE)	ND		5.5	0.54	ug/kg dry	1.00	02/25/10 16:46	PQ	10B1465	8260B
Methylcyclohexane	ND		5.5	0.36	ug/kg dry	1.00	02/25/10 16:46	PQ	10B1465	8260B
Methylene Chloride	10		5.5	1.1	ug/kg dry	1.00	02/25/10 16:46	PQ	10B1465	8260B
Styrene	ND		5.5	0.27	ug/kg dry	1.00	02/25/10 16:46	PQ	10B1465	8260B
Tetrachloroethene	ND		5.5	0.74	ug/kg dry	1.00	02/25/10 16:46	PQ	10B1465	8260B
Toluene	ND		5.5	0.41	ug/kg dry	1.00	02/25/10 16:46	PQ	10B1465	8260B
trans-1,2-Dichloroethene	ND		5.5	0.57	ug/kg dry	1.00	02/25/10 16:46	PQ	10B1465	8260B
trans-1,3-Dichloropropene	ND		5.5	0.27	ug/kg dry	1.00	02/25/10 16:46	PQ	10B1465	8260B
Trichloroethene	ND		5.5	0.38	ug/kg dry	1.00	02/25/10 16:46	PQ	10B1465	8260B
Trichlorofluoromethane	ND		5.5	0.52	ug/kg dry	1.00	02/25/10 16:46	PQ	10B1465	8260B
Vinyl chloride	ND		5.5	0.67	ug/kg dry	1.00	02/25/10 16:46	PQ	10B1465	8260B

New York State D.E.C. - Buffalo, NY
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Work Order: RTB0894

Project: Commerce Square: Site# E932141

Project Number: E932141

Received: 02/22/10

Reported: 03/02/10 09:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTB0894-01 (B4-09 - Solid) - cont.						Sampled: 02/18/10		Recvd: 02/22/10 16:45		
<u>Volatile Organic Compounds by EPA 8260B - cont.</u>										
Xylenes, total	ND		11	0.92	ug/kg dry	1.00	02/25/10 16:46	PQ	10B1465	8260B
1,2-Dichloroethane-d4	87 %		Surr Limits: (64-126%)				02/25/10 16:46	PQ	10B1465	8260B
4-Bromofluorobenzene	96 %		Surr Limits: (72-126%)				02/25/10 16:46	PQ	10B1465	8260B
Toluene-d8	90 %		Surr Limits: (71-125%)				02/25/10 16:46	PQ	10B1465	8260B
<u>Semivolatile Organics by GC/MS</u>										
2,4,5-Trichlorophenol	ND		190	42	ug/kg dry	1.00	02/25/10 16:26	MKP	10B1344	8270C
2,4,6-Trichlorophenol	ND		190	13	ug/kg dry	1.00	02/25/10 16:26	MKP	10B1344	8270C
2,4-Dichlorophenol	ND		190	10	ug/kg dry	1.00	02/25/10 16:26	MKP	10B1344	8270C
2,4-Dimethylphenol	ND		190	51	ug/kg dry	1.00	02/25/10 16:26	MKP	10B1344	8270C
2,4-Dinitrophenol	ND		370	67	ug/kg dry	1.00	02/25/10 16:26	MKP	10B1344	8270C
2,4-Dinitrotoluene	ND		190	30	ug/kg dry	1.00	02/25/10 16:26	MKP	10B1344	8270C
2,6-Dinitrotoluene	ND		190	47	ug/kg dry	1.00	02/25/10 16:26	MKP	10B1344	8270C
2-Chloronaphthalene	ND		190	13	ug/kg dry	1.00	02/25/10 16:26	MKP	10B1344	8270C
2-Chlorophenol	ND		190	9.7	ug/kg dry	1.00	02/25/10 16:26	MKP	10B1344	8270C
2-Methylnaphthalene	ND		190	2.3	ug/kg dry	1.00	02/25/10 16:26	MKP	10B1344	8270C
2-Methylphenol	ND		190	5.9	ug/kg dry	1.00	02/25/10 16:26	MKP	10B1344	8270C
2-Nitroaniline	ND		370	61	ug/kg dry	1.00	02/25/10 16:26	MKP	10B1344	8270C
2-Nitrophenol	ND		190	8.7	ug/kg dry	1.00	02/25/10 16:26	MKP	10B1344	8270C
3,3'-Dichlorobenzidine	ND		190	170	ug/kg dry	1.00	02/25/10 16:26	MKP	10B1344	8270C
3-Nitroaniline	ND		370	44	ug/kg dry	1.00	02/25/10 16:26	MKP	10B1344	8270C
4,6-Dinitro-2-methylphenol	ND		370	66	ug/kg dry	1.00	02/25/10 16:26	MKP	10B1344	8270C
4-Bromophenyl phenyl ether	ND		190	61	ug/kg dry	1.00	02/25/10 16:26	MKP	10B1344	8270C
4-Chloro-3-methylphenol	ND		190	7.8	ug/kg dry	1.00	02/25/10 16:26	MKP	10B1344	8270C
4-Chloroaniline	ND		190	56	ug/kg dry	1.00	02/25/10 16:26	MKP	10B1344	8270C
4-Chlorophenyl phenyl ether	ND		190	4.1	ug/kg dry	1.00	02/25/10 16:26	MKP	10B1344	8270C
4-Methylphenol	ND		370	11	ug/kg dry	1.00	02/25/10 16:26	MKP	10B1344	8270C
4-Nitroaniline	ND		370	21	ug/kg dry	1.00	02/25/10 16:26	MKP	10B1344	8270C
4-Nitrophenol	ND		370	46	ug/kg dry	1.00	02/25/10 16:26	MKP	10B1344	8270C
Acenaphthene	ND		190	2.2	ug/kg dry	1.00	02/25/10 16:26	MKP	10B1344	8270C
Acenaphthylene	ND		190	1.6	ug/kg dry	1.00	02/25/10 16:26	MKP	10B1344	8270C
Acetophenone	ND		190	9.8	ug/kg dry	1.00	02/25/10 16:26	MKP	10B1344	8270C
Anthracene	ND		190	4.9	ug/kg dry	1.00	02/25/10 16:26	MKP	10B1344	8270C
Atrazine	ND		190	8.5	ug/kg dry	1.00	02/25/10 16:26	MKP	10B1344	8270C
Benzaldehyde	ND		190	21	ug/kg dry	1.00	02/25/10 16:26	MKP	10B1344	8270C
Benzo(a)anthracene	ND		190	3.3	ug/kg dry	1.00	02/25/10 16:26	MKP	10B1344	8270C
Benzo(a)pyrene	ND		190	4.6	ug/kg dry	1.00	02/25/10 16:26	MKP	10B1344	8270C
Benzo(b)fluoranthene	ND		190	3.7	ug/kg dry	1.00	02/25/10 16:26	MKP	10B1344	8270C
Benzo(ghi)perylene	ND		190	2.3	ug/kg dry	1.00	02/25/10 16:26	MKP	10B1344	8270C
Benzo(k)fluoranthene	ND		190	2.1	ug/kg dry	1.00	02/25/10 16:26	MKP	10B1344	8270C
Biphenyl	46	J	190	12	ug/kg dry	1.00	02/25/10 16:26	MKP	10B1344	8270C
Bis(2-chloroethoxy)methane	ND		190	10	ug/kg dry	1.00	02/25/10 16:26	MKP	10B1344	8270C
Bis(2-chloroethyl)ether	ND		190	16	ug/kg dry	1.00	02/25/10 16:26	MKP	10B1344	8270C
2,2'-Oxybis(1-Chloropropyl)ane	ND		190	20	ug/kg dry	1.00	02/25/10 16:26	MKP	10B1344	8270C
Bis(2-ethylhexyl)phthalate	700		190	61	ug/kg dry	1.00	02/25/10 16:26	MKP	10B1344	8270C

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTB0894

Project: Commerce Square: Site# E932141

Project Number: E932141

Received: 02/22/10

Reported: 03/02/10 09:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
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Sample ID: RTB0894-01 (B4-09 - Solid) - cont.

Sampled: 02/18/10

Recvd: 02/22/10 16:45

Semivolatile Organics by GC/MS - cont.

Butyl benzyl phthalate	ND		190	51	ug/kg dry	1.00	02/25/10 16:26	MKP	10B1344	8270C
Caprolactam	ND		190	82	ug/kg dry	1.00	02/25/10 16:26	MKP	10B1344	8270C
Carbazole	ND		190	2.2	ug/kg dry	1.00	02/25/10 16:26	MKP	10B1344	8270C
Chrysene	ND		190	1.9	ug/kg dry	1.00	02/25/10 16:26	MKP	10B1344	8270C
Dibenzo(a,h)anthracene	ND		190	2.2	ug/kg dry	1.00	02/25/10 16:26	MKP	10B1344	8270C
Dibenzofuran	ND		190	2.0	ug/kg dry	1.00	02/25/10 16:26	MKP	10B1344	8270C
Diethyl phthalate	ND		190	5.8	ug/kg dry	1.00	02/25/10 16:26	MKP	10B1344	8270C
Dimethyl phthalate	ND		190	5.0	ug/kg dry	1.00	02/25/10 16:26	MKP	10B1344	8270C
Di-n-butyl phthalate	ND		190	66	ug/kg dry	1.00	02/25/10 16:26	MKP	10B1344	8270C
Di-n-octyl phthalate	ND		190	4.5	ug/kg dry	1.00	02/25/10 16:26	MKP	10B1344	8270C
Fluoranthene	16	J	190	2.8	ug/kg dry	1.00	02/25/10 16:26	MKP	10B1344	8270C
Fluorene	ND		190	4.4	ug/kg dry	1.00	02/25/10 16:26	MKP	10B1344	8270C
Hexachlorobenzene	ND		190	9.5	ug/kg dry	1.00	02/25/10 16:26	MKP	10B1344	8270C
Hexachlorobutadiene	ND		190	9.8	ug/kg dry	1.00	02/25/10 16:26	MKP	10B1344	8270C
Hexachlorocyclopentadiene	ND		190	58	ug/kg dry	1.00	02/25/10 16:26	MKP	10B1344	8270C
Hexachloroethane	ND		190	15	ug/kg dry	1.00	02/25/10 16:26	MKP	10B1344	8270C
Indeno(1,2,3-cd)pyrene	ND		190	5.3	ug/kg dry	1.00	02/25/10 16:26	MKP	10B1344	8270C
Isophorone	ND		190	9.5	ug/kg dry	1.00	02/25/10 16:26	MKP	10B1344	8270C
Naphthalene	ND		190	3.2	ug/kg dry	1.00	02/25/10 16:26	MKP	10B1344	8270C
Nitrobenzene	ND		190	8.5	ug/kg dry	1.00	02/25/10 16:26	MKP	10B1344	8270C
N-Nitrosodi-n-propylamine	ND		190	15	ug/kg dry	1.00	02/25/10 16:26	MKP	10B1344	8270C
N-Nitrosodiphenylamine	ND		190	10	ug/kg dry	1.00	02/25/10 16:26	MKP	10B1344	8270C
Pentachloroethane	ND		370	94	ug/kg dry	1.00	02/25/10 16:26	MKP	10B1344	8270C
Pentachlorophenol	ND		370	65	ug/kg dry	1.00	02/25/10 16:26	MKP	10B1344	8270C
Phenanthrene	59	J	190	4.0	ug/kg dry	1.00	02/25/10 16:26	MKP	10B1344	8270C
Phenol	ND		190	20	ug/kg dry	1.00	02/25/10 16:26	MKP	10B1344	8270C
Pyrene	ND		190	1.2	ug/kg dry	1.00	02/25/10 16:26	MKP	10B1344	8270C

2,4,6-Tribromophenol	102 %		Surr Limits: (39-146%)				02/25/10 16:26	MKP	10B1344	8270C
2-Fluorobiphenyl	86 %		Surr Limits: (37-120%)				02/25/10 16:26	MKP	10B1344	8270C
2-Fluorophenol	75 %		Surr Limits: (18-120%)				02/25/10 16:26	MKP	10B1344	8270C
Nitrobenzene-d5	86 %		Surr Limits: (34-132%)				02/25/10 16:26	MKP	10B1344	8270C
Phenol-d5	81 %		Surr Limits: (11-120%)				02/25/10 16:26	MKP	10B1344	8270C
p-Terphenyl-d14	82 %		Surr Limits: (58-147%)				02/25/10 16:26	MKP	10B1344	8270C

Polychlorinated Biphenyls by EPA Method 8082

Aroclor 1016	ND		19	3.7	ug/kg dry	1.00	02/24/10 08:30	JxM	10B1284	8082
Aroclor 1221	ND		19	3.7	ug/kg dry	1.00	02/24/10 08:30	JxM	10B1284	8082
Aroclor 1232	ND		19	3.7	ug/kg dry	1.00	02/24/10 08:30	JxM	10B1284	8082
Aroclor 1242	ND		19	4.1	ug/kg dry	1.00	02/24/10 08:30	JxM	10B1284	8082
Aroclor 1248	ND		19	3.7	ug/kg dry	1.00	02/24/10 08:30	JxM	10B1284	8082
Aroclor 1254	ND		19	4.0	ug/kg dry	1.00	02/24/10 08:30	JxM	10B1284	8082
Aroclor 1260	ND		19	4.0	ug/kg dry	1.00	02/24/10 08:30	JxM	10B1284	8082

Decachlorobiphenyl	114 %		Surr Limits: (34-148%)				02/24/10 08:30	JxM	10B1284	8082
Tetrachloro-m-xylene	65 %		Surr Limits: (35-134%)				02/24/10 08:30	JxM	10B1284	8082

Total Metals by SW 846 Series Methods

Aluminum	4720		10.5	NR	mg/kg dry	1.00	02/24/10 20:59	LMH	10B1297	6010B
Antimony	ND		15.8	NR	mg/kg dry	1.00	02/24/10 20:59	LMH	10B1297	6010B

TestAmerica Buffalo - 10 Hazelwood Drive Amherst, NY 14228 tel 716-691-2600 fax 716-691-7991

www.testamericainc.com

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTB0894

Project: Commerce Square: Site# E932141

Project Number: E932141

Received: 02/22/10

Reported: 03/02/10 09:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTB0894-01 (B4-09 - Solid) - cont.					Sampled: 02/18/10			Recvd: 02/22/10 16:45		
<u>Total Metals by SW 846 Series Methods - cont.</u>										
Arsenic	ND		2.1	NR	mg/kg dry	1.00	02/24/10 20:59	LMH	10B1297	6010B
Barium	75.1		0.527	NR	mg/kg dry	1.00	02/24/10 20:59	LMH	10B1297	6010B
Beryllium	ND		0.211	NR	mg/kg dry	1.00	02/24/10 20:59	LMH	10B1297	6010B
Cadmium	ND		0.211	NR	mg/kg dry	1.00	02/24/10 20:59	LMH	10B1297	6010B
Calcium	37300		52.7	NR	mg/kg dry	1.00	02/24/10 20:59	LMH	10B1297	6010B
Chromium	6.14		0.527	NR	mg/kg dry	1.00	02/25/10 12:27	DAN	10B1297	6010B
Cobalt	4.08		0.527	NR	mg/kg dry	1.00	02/24/10 20:59	LMH	10B1297	6010B
Copper	9.3		1.1	NR	mg/kg dry	1.00	02/25/10 12:27	DAN	10B1297	6010B
Iron	8780		10.5	NR	mg/kg dry	1.00	02/25/10 12:27	DAN	10B1297	6010B
Lead	2.9		1.1	NR	mg/kg dry	1.00	02/24/10 20:59	LMH	10B1297	6010B
Magnesium	10400		21.1	NR	mg/kg dry	1.00	02/24/10 20:59	LMH	10B1297	6010B
Manganese	427		0.2	NR	mg/kg dry	1.00	02/24/10 20:59	LMH	10B1297	6010B
Nickel	8.58		5.27	NR	mg/kg dry	1.00	02/25/10 12:27	DAN	10B1297	6010B
Potassium	1110		31.6	NR	mg/kg dry	1.00	02/24/10 20:59	LMH	10B1297	6010B
Selenium	ND		4.2	NR	mg/kg dry	1.00	02/24/10 20:59	LMH	10B1297	6010B
Silver	ND		0.527	NR	mg/kg dry	1.00	02/24/10 20:59	LMH	10B1297	6010B
Sodium	153		147	NR	mg/kg dry	1.00	02/24/10 20:59	LMH	10B1297	6010B
Thallium	ND		6.3	NR	mg/kg dry	1.00	02/24/10 20:59	LMH	10B1297	6010B
Vanadium	9.72		0.527	NR	mg/kg dry	1.00	02/24/10 20:59	LMH	10B1297	6010B
Zinc	18.9		2.1	NR	mg/kg dry	1.00	02/24/10 20:59	LMH	10B1297	6010B
Mercury	ND		0.0235	NR	mg/kg dry	1.00	02/26/10 16:54	MXM	10B1532	7471A
<u>General Chemistry Parameters</u>										
Percent Solids	88		0.010	NR	%	1.00	02/23/10 16:42	CxM	10B1288	Dry Weight

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Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTB0894-02 (B4-13 - Solid)						Sampled: 02/18/10		Recvd: 02/22/10 16:45		
<u>Volatile Organic Compounds by EPA 8260B</u>										
1,1,1-Trichloroethane	ND		6.3	0.46	ug/kg dry	1.00	02/25/10 17:11	PQ	10B1465	8260B
1,1,2,2-Tetrachloroethane	ND		6.3	1.0	ug/kg dry	1.00	02/25/10 17:11	PQ	10B1465	8260B
1,1,2-Trichloroethane	ND		6.3	0.32	ug/kg dry	1.00	02/25/10 17:11	PQ	10B1465	8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.3	3.2	ug/kg dry	1.00	02/25/10 17:11	PQ	10B1465	8260B
1,1-Dichloroethane	ND		6.3	0.31	ug/kg dry	1.00	02/25/10 17:11	PQ	10B1465	8260B
1,1-Dichloroethene	ND		6.3	0.77	ug/kg dry	1.00	02/25/10 17:11	PQ	10B1465	8260B
1,2,4-Trichlorobenzene	ND		6.3	0.38	ug/kg dry	1.00	02/25/10 17:11	PQ	10B1465	8260B
1,2-Dibromo-3-chloropropane	ND		6.3	5.0	ug/kg dry	1.00	02/25/10 17:11	PQ	10B1465	8260B
1,2-Dibromoethane	ND		6.3	0.24	ug/kg dry	1.00	02/25/10 17:11	PQ	10B1465	8260B
1,2-Dichlorobenzene	ND		6.3	0.49	ug/kg dry	1.00	02/25/10 17:11	PQ	10B1465	8260B
1,2-Dichloroethane	ND		6.3	0.32	ug/kg dry	1.00	02/25/10 17:11	PQ	10B1465	8260B
1,2-Dichloropropane	ND		6.3	3.2	ug/kg dry	1.00	02/25/10 17:11	PQ	10B1465	8260B
1,3-Dichlorobenzene	ND		6.3	0.32	ug/kg dry	1.00	02/25/10 17:11	PQ	10B1465	8260B
1,4-Dichlorobenzene	ND		6.3	0.88	ug/kg dry	1.00	02/25/10 17:11	PQ	10B1465	8260B
2-Butanone	ND		32	2.3	ug/kg dry	1.00	02/25/10 17:11	PQ	10B1465	8260B
2-Hexanone	ND		32	3.2	ug/kg dry	1.00	02/25/10 17:11	PQ	10B1465	8260B
4-Methyl-2-pentanone	ND		32	2.1	ug/kg dry	1.00	02/25/10 17:11	PQ	10B1465	8260B
Acetone	13	J	32	1.4	ug/kg dry	1.00	02/25/10 17:11	PQ	10B1465	8260B
Benzene	ND		6.3	0.31	ug/kg dry	1.00	02/25/10 17:11	PQ	10B1465	8260B
Bromodichloromethane	ND		6.3	0.32	ug/kg dry	1.00	02/25/10 17:11	PQ	10B1465	8260B
Bromoform	ND		6.3	3.2	ug/kg dry	1.00	02/25/10 17:11	PQ	10B1465	8260B
Bromomethane	ND		6.3	1.4	ug/kg dry	1.00	02/25/10 17:11	PQ	10B1465	8260B
Carbon disulfide	ND		6.3	0.54	ug/kg dry	1.00	02/25/10 17:11	PQ	10B1465	8260B
Carbon Tetrachloride	ND		6.3	0.61	ug/kg dry	1.00	02/25/10 17:11	PQ	10B1465	8260B
Chlorobenzene	ND		6.3	0.83	ug/kg dry	1.00	02/25/10 17:11	PQ	10B1465	8260B
Dibromochloromethane	ND		6.3	0.35	ug/kg dry	1.00	02/25/10 17:11	PQ	10B1465	8260B
Chloroethane	ND		6.3	2.6	ug/kg dry	1.00	02/25/10 17:11	PQ	10B1465	8260B
Chloroform	ND		6.3	0.39	ug/kg dry	1.00	02/25/10 17:11	PQ	10B1465	8260B
Chloromethane	ND		6.3	0.38	ug/kg dry	1.00	02/25/10 17:11	PQ	10B1465	8260B
cis-1,2-Dichloroethene	ND		6.3	0.31	ug/kg dry	1.00	02/25/10 17:11	PQ	10B1465	8260B
cis-1,3-Dichloropropene	ND		6.3	0.36	ug/kg dry	1.00	02/25/10 17:11	PQ	10B1465	8260B
Cyclohexane	ND		6.3	0.29	ug/kg dry	1.00	02/25/10 17:11	PQ	10B1465	8260B
Dichlorodifluoromethane	ND		6.3	0.52	ug/kg dry	1.00	02/25/10 17:11	PQ	10B1465	8260B
Ethylbenzene	ND		6.3	0.44	ug/kg dry	1.00	02/25/10 17:11	PQ	10B1465	8260B
Isopropylbenzene	ND		6.3	0.95	ug/kg dry	1.00	02/25/10 17:11	PQ	10B1465	8260B
Methyl Acetate	ND		6.3	0.34	ug/kg dry	1.00	02/25/10 17:11	PQ	10B1465	8260B
Methyl-t-Butyl Ether (MTBE)	ND		6.3	0.62	ug/kg dry	1.00	02/25/10 17:11	PQ	10B1465	8260B
Methylcyclohexane	ND		6.3	0.41	ug/kg dry	1.00	02/25/10 17:11	PQ	10B1465	8260B
Methylene Chloride	12		6.3	1.3	ug/kg dry	1.00	02/25/10 17:11	PQ	10B1465	8260B
Styrene	ND		6.3	0.32	ug/kg dry	1.00	02/25/10 17:11	PQ	10B1465	8260B
Tetrachloroethene	2.8	J	6.3	0.85	ug/kg dry	1.00	02/25/10 17:11	PQ	10B1465	8260B
Toluene	ND		6.3	0.48	ug/kg dry	1.00	02/25/10 17:11	PQ	10B1465	8260B
trans-1,2-Dichloroethene	ND		6.3	0.65	ug/kg dry	1.00	02/25/10 17:11	PQ	10B1465	8260B
trans-1,3-Dichloropropene	ND		6.3	0.31	ug/kg dry	1.00	02/25/10 17:11	PQ	10B1465	8260B
Trichloroethene	ND		6.3	0.44	ug/kg dry	1.00	02/25/10 17:11	PQ	10B1465	8260B
Trichlorofluoromethane	ND		6.3	0.60	ug/kg dry	1.00	02/25/10 17:11	PQ	10B1465	8260B
Vinyl chloride	ND		6.3	0.77	ug/kg dry	1.00	02/25/10 17:11	PQ	10B1465	8260B

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Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTB0894-02 (B4-13 - Solid) - cont.						Sampled: 02/18/10		Recvd: 02/22/10 16:45		
<u>Volatile Organic Compounds by EPA 8260B - cont.</u>										
Xylenes, total	ND		13	1.1	ug/kg dry	1.00	02/25/10 17:11	PQ	10B1465	8260B
1,2-Dichloroethane-d4	89 %		Surr Limits: (64-126%)				02/25/10 17:11	PQ	10B1465	8260B
4-Bromofluorobenzene	103 %		Surr Limits: (72-126%)				02/25/10 17:11	PQ	10B1465	8260B
Toluene-d8	91 %		Surr Limits: (71-125%)				02/25/10 17:11	PQ	10B1465	8260B
<u>Semivolatile Organics by GC/MS</u>										
2,4,5-Trichlorophenol	ND		210	47	ug/kg dry	1.00	02/25/10 16:51	MKP	10B1344	8270C
2,4,6-Trichlorophenol	ND		210	14	ug/kg dry	1.00	02/25/10 16:51	MKP	10B1344	8270C
2,4-Dichlorophenol	ND		210	11	ug/kg dry	1.00	02/25/10 16:51	MKP	10B1344	8270C
2,4-Dimethylphenol	ND		210	58	ug/kg dry	1.00	02/25/10 16:51	MKP	10B1344	8270C
2,4-Dinitrophenol	ND		420	75	ug/kg dry	1.00	02/25/10 16:51	MKP	10B1344	8270C
2,4-Dinitrotoluene	ND		210	33	ug/kg dry	1.00	02/25/10 16:51	MKP	10B1344	8270C
2,6-Dinitrotoluene	ND		210	52	ug/kg dry	1.00	02/25/10 16:51	MKP	10B1344	8270C
2-Chloronaphthalene	ND		210	14	ug/kg dry	1.00	02/25/10 16:51	MKP	10B1344	8270C
2-Chlorophenol	ND		210	11	ug/kg dry	1.00	02/25/10 16:51	MKP	10B1344	8270C
2-Methylnaphthalene	ND		210	2.6	ug/kg dry	1.00	02/25/10 16:51	MKP	10B1344	8270C
2-Methylphenol	ND		210	6.6	ug/kg dry	1.00	02/25/10 16:51	MKP	10B1344	8270C
2-Nitroaniline	ND		420	68	ug/kg dry	1.00	02/25/10 16:51	MKP	10B1344	8270C
2-Nitrophenol	ND		210	9.8	ug/kg dry	1.00	02/25/10 16:51	MKP	10B1344	8270C
3,3'-Dichlorobenzidine	ND		210	190	ug/kg dry	1.00	02/25/10 16:51	MKP	10B1344	8270C
3-Nitroaniline	ND		420	49	ug/kg dry	1.00	02/25/10 16:51	MKP	10B1344	8270C
4,6-Dinitro-2-methylphenol	ND		420	74	ug/kg dry	1.00	02/25/10 16:51	MKP	10B1344	8270C
4-Bromophenyl phenyl ether	ND		210	68	ug/kg dry	1.00	02/25/10 16:51	MKP	10B1344	8270C
4-Chloro-3-methylphenol	ND		210	8.8	ug/kg dry	1.00	02/25/10 16:51	MKP	10B1344	8270C
4-Chloroaniline	ND		210	63	ug/kg dry	1.00	02/25/10 16:51	MKP	10B1344	8270C
4-Chlorophenyl phenyl ether	ND		210	4.5	ug/kg dry	1.00	02/25/10 16:51	MKP	10B1344	8270C
4-Methylphenol	ND		420	12	ug/kg dry	1.00	02/25/10 16:51	MKP	10B1344	8270C
4-Nitroaniline	ND		420	24	ug/kg dry	1.00	02/25/10 16:51	MKP	10B1344	8270C
4-Nitrophenol	ND		420	52	ug/kg dry	1.00	02/25/10 16:51	MKP	10B1344	8270C
Acenaphthene	ND		210	2.5	ug/kg dry	1.00	02/25/10 16:51	MKP	10B1344	8270C
Acenaphthylene	ND		210	1.7	ug/kg dry	1.00	02/25/10 16:51	MKP	10B1344	8270C
Acetophenone	ND		210	11	ug/kg dry	1.00	02/25/10 16:51	MKP	10B1344	8270C
Anthracene	ND		210	5.5	ug/kg dry	1.00	02/25/10 16:51	MKP	10B1344	8270C
Atrazine	ND		210	9.5	ug/kg dry	1.00	02/25/10 16:51	MKP	10B1344	8270C
Benzaldehyde	ND		210	23	ug/kg dry	1.00	02/25/10 16:51	MKP	10B1344	8270C
Benzo(a)anthracene	ND		210	3.7	ug/kg dry	1.00	02/25/10 16:51	MKP	10B1344	8270C
Benzo(a)pyrene	ND		210	5.1	ug/kg dry	1.00	02/25/10 16:51	MKP	10B1344	8270C
Benzo(b)fluoranthene	ND		210	4.1	ug/kg dry	1.00	02/25/10 16:51	MKP	10B1344	8270C
Benzo(ghi)perylene	ND		210	2.6	ug/kg dry	1.00	02/25/10 16:51	MKP	10B1344	8270C
Benzo(k)fluoranthene	ND		210	2.3	ug/kg dry	1.00	02/25/10 16:51	MKP	10B1344	8270C
Biphenyl	ND		210	13	ug/kg dry	1.00	02/25/10 16:51	MKP	10B1344	8270C
Bis(2-chloroethoxy)methane	ND		210	12	ug/kg dry	1.00	02/25/10 16:51	MKP	10B1344	8270C
Bis(2-chloroethyl)ether	ND		210	18	ug/kg dry	1.00	02/25/10 16:51	MKP	10B1344	8270C
2,2'-Oxybis(1-Chloropropyl)ane	ND		210	22	ug/kg dry	1.00	02/25/10 16:51	MKP	10B1344	8270C
Bis(2-ethylhexyl)phthalate	ND		210	69	ug/kg dry	1.00	02/25/10 16:51	MKP	10B1344	8270C

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTB0894

Project: Commerce Square: Site# E932141

Project Number: E932141

Received: 02/22/10

Reported: 03/02/10 09:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
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Sample ID: RTB0894-02 (B4-13 - Solid) - cont.

Sampled: 02/18/10

Recvd: 02/22/10 16:45

Semivolatile Organics by GC/MS - cont.

Butyl benzyl phthalate	ND		210	57	ug/kg dry	1.00	02/25/10 16:51	MKP	10B1344	8270C
Caprolactam	ND		210	92	ug/kg dry	1.00	02/25/10 16:51	MKP	10B1344	8270C
Carbazole	ND		210	2.5	ug/kg dry	1.00	02/25/10 16:51	MKP	10B1344	8270C
Chrysene	ND		210	2.1	ug/kg dry	1.00	02/25/10 16:51	MKP	10B1344	8270C
Dibenzo(a,h)anthracene	ND		210	2.5	ug/kg dry	1.00	02/25/10 16:51	MKP	10B1344	8270C
Dibenzofuran	ND		210	2.2	ug/kg dry	1.00	02/25/10 16:51	MKP	10B1344	8270C
Diethyl phthalate	ND		210	6.4	ug/kg dry	1.00	02/25/10 16:51	MKP	10B1344	8270C
Dimethyl phthalate	ND		210	5.6	ug/kg dry	1.00	02/25/10 16:51	MKP	10B1344	8270C
Di-n-butyl phthalate	ND		210	74	ug/kg dry	1.00	02/25/10 16:51	MKP	10B1344	8270C
Di-n-octyl phthalate	ND		210	5.0	ug/kg dry	1.00	02/25/10 16:51	MKP	10B1344	8270C
Fluoranthene	ND		210	3.1	ug/kg dry	1.00	02/25/10 16:51	MKP	10B1344	8270C
Fluorene	ND		210	4.9	ug/kg dry	1.00	02/25/10 16:51	MKP	10B1344	8270C
Hexachlorobenzene	ND		210	11	ug/kg dry	1.00	02/25/10 16:51	MKP	10B1344	8270C
Hexachlorobutadiene	ND		210	11	ug/kg dry	1.00	02/25/10 16:51	MKP	10B1344	8270C
Hexachlorocyclopentadiene	ND		210	65	ug/kg dry	1.00	02/25/10 16:51	MKP	10B1344	8270C
Hexachloroethane	ND		210	17	ug/kg dry	1.00	02/25/10 16:51	MKP	10B1344	8270C
Indeno(1,2,3-cd)pyrene	ND		210	5.9	ug/kg dry	1.00	02/25/10 16:51	MKP	10B1344	8270C
Isophorone	ND		210	11	ug/kg dry	1.00	02/25/10 16:51	MKP	10B1344	8270C
Naphthalene	ND		210	3.6	ug/kg dry	1.00	02/25/10 16:51	MKP	10B1344	8270C
Nitrobenzene	ND		210	9.5	ug/kg dry	1.00	02/25/10 16:51	MKP	10B1344	8270C
N-Nitrosodi-n-propylamine	ND		210	17	ug/kg dry	1.00	02/25/10 16:51	MKP	10B1344	8270C
N-Nitrosodiphenylamine	ND		210	12	ug/kg dry	1.00	02/25/10 16:51	MKP	10B1344	8270C
Pentachloroethane	ND		420	110	ug/kg dry	1.00	02/25/10 16:51	MKP	10B1344	8270C
Pentachlorophenol	ND		420	73	ug/kg dry	1.00	02/25/10 16:51	MKP	10B1344	8270C
Phenanthrene	ND		210	4.5	ug/kg dry	1.00	02/25/10 16:51	MKP	10B1344	8270C
Phenol	ND		210	22	ug/kg dry	1.00	02/25/10 16:51	MKP	10B1344	8270C
Pyrene	ND		210	1.4	ug/kg dry	1.00	02/25/10 16:51	MKP	10B1344	8270C

2,4,6-Tribromophenol	90 %	Surr Limits: (39-146%)					02/25/10 16:51	MKP	10B1344	8270C
2-Fluorobiphenyl	71 %	Surr Limits: (37-120%)					02/25/10 16:51	MKP	10B1344	8270C
2-Fluorophenol	64 %	Surr Limits: (18-120%)					02/25/10 16:51	MKP	10B1344	8270C
Nitrobenzene-d5	70 %	Surr Limits: (34-132%)					02/25/10 16:51	MKP	10B1344	8270C
Phenol-d5	69 %	Surr Limits: (11-120%)					02/25/10 16:51	MKP	10B1344	8270C
p-Terphenyl-d14	75 %	Surr Limits: (58-147%)					02/25/10 16:51	MKP	10B1344	8270C

Polychlorinated Biphenyls by EPA Method 8082

Aroclor 1016	ND		21	4.1	ug/kg dry	1.00	02/24/10 08:44	JxM	10B1284	8082
Aroclor 1221	ND		21	4.1	ug/kg dry	1.00	02/24/10 08:44	JxM	10B1284	8082
Aroclor 1232	ND		21	4.1	ug/kg dry	1.00	02/24/10 08:44	JxM	10B1284	8082
Aroclor 1242	ND		21	4.6	ug/kg dry	1.00	02/24/10 08:44	JxM	10B1284	8082
Aroclor 1248	ND		21	4.1	ug/kg dry	1.00	02/24/10 08:44	JxM	10B1284	8082
Aroclor 1254	ND		21	4.5	ug/kg dry	1.00	02/24/10 08:44	JxM	10B1284	8082
Aroclor 1260	ND		21	4.5	ug/kg dry	1.00	02/24/10 08:44	JxM	10B1284	8082

Decachlorobiphenyl	106 %	Surr Limits: (34-148%)					02/24/10 08:44	JxM	10B1284	8082
Tetrachloro-m-xylene	76 %	Surr Limits: (35-134%)					02/24/10 08:44	JxM	10B1284	8082

Total Metals by SW 846 Series Methods

Aluminum	14400		13.1	NR	mg/kg dry	1.00	02/24/10 21:24	LMH	10B1297	6010B
Antimony	ND		19.7	NR	mg/kg dry	1.00	02/24/10 21:24	LMH	10B1297	6010B

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTB0894

Project: Commerce Square: Site# E932141

Project Number: E932141

Received: 02/22/10

Reported: 03/02/10 09:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTB0894-02 (B4-13 - Solid) - cont.						Sampled: 02/18/10		Recvd: 02/22/10 16:45		
<u>Total Metals by SW 846 Series Methods - cont.</u>										
Arsenic	4.8		2.6	NR	mg/kg dry	1.00	02/24/10 21:24	LMH	10B1297	6010B
Barium	89.9		0.655	NR	mg/kg dry	1.00	02/24/10 21:24	LMH	10B1297	6010B
Beryllium	0.524		0.262	NR	mg/kg dry	1.00	02/24/10 21:24	LMH	10B1297	6010B
Cadmium	0.402		0.262	NR	mg/kg dry	1.00	02/24/10 21:24	LMH	10B1297	6010B
Calcium	54300		65.5	NR	mg/kg dry	1.00	02/24/10 21:24	LMH	10B1297	6010B
Chromium	21.1		0.655	NR	mg/kg dry	1.00	02/25/10 13:05	DAN	10B1297	6010B
Cobalt	6.71		0.655	NR	mg/kg dry	1.00	02/24/10 21:24	LMH	10B1297	6010B
Copper	25.3		1.3	NR	mg/kg dry	1.00	02/25/10 13:05	DAN	10B1297	6010B
Iron	22900		13.1	NR	mg/kg dry	1.00	02/25/10 13:05	DAN	10B1297	6010B
Lead	115		1.3	NR	mg/kg dry	1.00	02/24/10 21:24	LMH	10B1297	6010B
Magnesium	4290		26.2	NR	mg/kg dry	1.00	02/24/10 21:24	LMH	10B1297	6010B
Manganese	299		0.3	NR	mg/kg dry	1.00	02/24/10 21:24	LMH	10B1297	6010B
Nickel	16.0		6.55	NR	mg/kg dry	1.00	02/25/10 13:05	DAN	10B1297	6010B
Potassium	1820		39.3	NR	mg/kg dry	1.00	02/24/10 21:24	LMH	10B1297	6010B
Selenium	ND		5.2	NR	mg/kg dry	1.00	02/24/10 21:24	LMH	10B1297	6010B
Silver	ND		0.655	NR	mg/kg dry	1.00	02/24/10 21:24	LMH	10B1297	6010B
Sodium	183		183	NR	mg/kg dry	1.00	02/24/10 21:24	LMH	10B1297	6010B
Thallium	ND		7.9	NR	mg/kg dry	1.00	02/24/10 21:24	LMH	10B1297	6010B
Vanadium	24.9		0.655	NR	mg/kg dry	1.00	02/24/10 21:24	LMH	10B1297	6010B
Zinc	370		2.6	NR	mg/kg dry	1.00	02/24/10 21:24	LMH	10B1297	6010B
Mercury	0.0568		0.0269	NR	mg/kg dry	1.00	02/26/10 17:01	MXM	10B1532	7471A
<u>General Chemistry Parameters</u>										
Percent Solids	78		0.010	NR	%	1.00	02/23/10 16:44	CxM	10B1288	Dry Weight

New York State D.E.C. - Buffalo, NY
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Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTB0894-03 (B2-05 - Solid)						Sampled: 02/19/10		Recvd: 02/22/10 16:45		
<u>Volatile Organic Compounds by EPA 8260B</u>										
1,1,1-Trichloroethane	ND		5.8	0.42	ug/kg dry	1.00	02/25/10 17:36	PQ	10B1465	8260B
1,1,2,2-Tetrachloroethane	ND		5.8	0.95	ug/kg dry	1.00	02/25/10 17:36	PQ	10B1465	8260B
1,1,2-Trichloroethane	ND		5.8	0.29	ug/kg dry	1.00	02/25/10 17:36	PQ	10B1465	8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.8	2.9	ug/kg dry	1.00	02/25/10 17:36	PQ	10B1465	8260B
1,1-Dichloroethane	ND		5.8	0.29	ug/kg dry	1.00	02/25/10 17:36	PQ	10B1465	8260B
1,1-Dichloroethene	ND		5.8	0.72	ug/kg dry	1.00	02/25/10 17:36	PQ	10B1465	8260B
1,2,4-Trichlorobenzene	ND		5.8	0.36	ug/kg dry	1.00	02/25/10 17:36	PQ	10B1465	8260B
1,2-Dibromo-3-chloropropane	ND		5.8	4.7	ug/kg dry	1.00	02/25/10 17:36	PQ	10B1465	8260B
1,2-Dibromoethane	ND		5.8	0.22	ug/kg dry	1.00	02/25/10 17:36	PQ	10B1465	8260B
1,2-Dichlorobenzene	ND		5.8	0.46	ug/kg dry	1.00	02/25/10 17:36	PQ	10B1465	8260B
1,2-Dichloroethane	ND		5.8	0.29	ug/kg dry	1.00	02/25/10 17:36	PQ	10B1465	8260B
1,2-Dichloropropane	ND		5.8	2.9	ug/kg dry	1.00	02/25/10 17:36	PQ	10B1465	8260B
1,3-Dichlorobenzene	ND		5.8	0.30	ug/kg dry	1.00	02/25/10 17:36	PQ	10B1465	8260B
1,4-Dichlorobenzene	ND		5.8	0.82	ug/kg dry	1.00	02/25/10 17:36	PQ	10B1465	8260B
2-Butanone	ND		29	2.1	ug/kg dry	1.00	02/25/10 17:36	PQ	10B1465	8260B
2-Hexanone	ND		29	2.9	ug/kg dry	1.00	02/25/10 17:36	PQ	10B1465	8260B
4-Methyl-2-pentanone	ND		29	1.9	ug/kg dry	1.00	02/25/10 17:36	PQ	10B1465	8260B
Acetone	32		29	1.3	ug/kg dry	1.00	02/25/10 17:36	PQ	10B1465	8260B
Benzene	ND		5.8	0.29	ug/kg dry	1.00	02/25/10 17:36	PQ	10B1465	8260B
Bromodichloromethane	ND		5.8	0.30	ug/kg dry	1.00	02/25/10 17:36	PQ	10B1465	8260B
Bromoform	ND		5.8	2.9	ug/kg dry	1.00	02/25/10 17:36	PQ	10B1465	8260B
Bromomethane	ND		5.8	1.3	ug/kg dry	1.00	02/25/10 17:36	PQ	10B1465	8260B
Carbon disulfide	ND		5.8	0.50	ug/kg dry	1.00	02/25/10 17:36	PQ	10B1465	8260B
Carbon Tetrachloride	ND		5.8	0.57	ug/kg dry	1.00	02/25/10 17:36	PQ	10B1465	8260B
Chlorobenzene	ND		5.8	0.77	ug/kg dry	1.00	02/25/10 17:36	PQ	10B1465	8260B
Dibromochloromethane	ND		5.8	0.32	ug/kg dry	1.00	02/25/10 17:36	PQ	10B1465	8260B
Chloroethane	ND		5.8	2.4	ug/kg dry	1.00	02/25/10 17:36	PQ	10B1465	8260B
Chloroform	ND		5.8	0.36	ug/kg dry	1.00	02/25/10 17:36	PQ	10B1465	8260B
Chloromethane	ND		5.8	0.35	ug/kg dry	1.00	02/25/10 17:36	PQ	10B1465	8260B
cis-1,2-Dichloroethene	ND		5.8	0.29	ug/kg dry	1.00	02/25/10 17:36	PQ	10B1465	8260B
cis-1,3-Dichloropropene	ND		5.8	0.33	ug/kg dry	1.00	02/25/10 17:36	PQ	10B1465	8260B
Cyclohexane	ND		5.8	0.27	ug/kg dry	1.00	02/25/10 17:36	PQ	10B1465	8260B
Dichlorodifluoromethane	ND		5.8	0.48	ug/kg dry	1.00	02/25/10 17:36	PQ	10B1465	8260B
Ethylbenzene	ND		5.8	0.40	ug/kg dry	1.00	02/25/10 17:36	PQ	10B1465	8260B
Isopropylbenzene	ND		5.8	0.88	ug/kg dry	1.00	02/25/10 17:36	PQ	10B1465	8260B
Methyl Acetate	ND		5.8	0.32	ug/kg dry	1.00	02/25/10 17:36	PQ	10B1465	8260B
Methyl-t-Butyl Ether (MTBE)	ND		5.8	0.57	ug/kg dry	1.00	02/25/10 17:36	PQ	10B1465	8260B
Methylcyclohexane	ND		5.8	0.38	ug/kg dry	1.00	02/25/10 17:36	PQ	10B1465	8260B
Methylene Chloride	9.9		5.8	1.2	ug/kg dry	1.00	02/25/10 17:36	PQ	10B1465	8260B
Styrene	ND		5.8	0.29	ug/kg dry	1.00	02/25/10 17:36	PQ	10B1465	8260B
Tetrachloroethene	ND		5.8	0.79	ug/kg dry	1.00	02/25/10 17:36	PQ	10B1465	8260B
Toluene	ND		5.8	0.44	ug/kg dry	1.00	02/25/10 17:36	PQ	10B1465	8260B
trans-1,2-Dichloroethene	ND		5.8	0.60	ug/kg dry	1.00	02/25/10 17:36	PQ	10B1465	8260B
trans-1,3-Dichloropropene	ND		5.8	0.29	ug/kg dry	1.00	02/25/10 17:36	PQ	10B1465	8260B
Trichloroethene	ND		5.8	0.40	ug/kg dry	1.00	02/25/10 17:36	PQ	10B1465	8260B
Trichlorofluoromethane	ND		5.8	0.55	ug/kg dry	1.00	02/25/10 17:36	PQ	10B1465	8260B
Vinyl chloride	ND		5.8	0.71	ug/kg dry	1.00	02/25/10 17:36	PQ	10B1465	8260B

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Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTB0894-03 (B2-05 - Solid) - cont.						Sampled: 02/19/10		Recvd: 02/22/10 16:45		
<u>Volatile Organic Compounds by EPA 8260B - cont.</u>										
Xylenes, total	ND		12	0.98	ug/kg dry	1.00	02/25/10 17:36	PQ	10B1465	8260B
1,2-Dichloroethane-d4	88 %		Surr Limits: (64-126%)				02/25/10 17:36	PQ	10B1465	8260B
4-Bromofluorobenzene	99 %		Surr Limits: (72-126%)				02/25/10 17:36	PQ	10B1465	8260B
Toluene-d8	89 %		Surr Limits: (71-125%)				02/25/10 17:36	PQ	10B1465	8260B
<u>Semivolatile Organics by GC/MS</u>										
2,4,5-Trichlorophenol	ND		200	43	ug/kg dry	1.00	02/25/10 17:16	MKP	10B1344	8270C
2,4,6-Trichlorophenol	ND		200	13	ug/kg dry	1.00	02/25/10 17:16	MKP	10B1344	8270C
2,4-Dichlorophenol	ND		200	10	ug/kg dry	1.00	02/25/10 17:16	MKP	10B1344	8270C
2,4-Dimethylphenol	ND		200	54	ug/kg dry	1.00	02/25/10 17:16	MKP	10B1344	8270C
2,4-Dinitrophenol	ND		390	70	ug/kg dry	1.00	02/25/10 17:16	MKP	10B1344	8270C
2,4-Dinitrotoluene	ND		200	31	ug/kg dry	1.00	02/25/10 17:16	MKP	10B1344	8270C
2,6-Dinitrotoluene	ND		200	49	ug/kg dry	1.00	02/25/10 17:16	MKP	10B1344	8270C
2-Chloronaphthalene	ND		200	13	ug/kg dry	1.00	02/25/10 17:16	MKP	10B1344	8270C
2-Chlorophenol	ND		200	10	ug/kg dry	1.00	02/25/10 17:16	MKP	10B1344	8270C
2-Methylnaphthalene	ND		200	2.4	ug/kg dry	1.00	02/25/10 17:16	MKP	10B1344	8270C
2-Methylphenol	ND		200	6.1	ug/kg dry	1.00	02/25/10 17:16	MKP	10B1344	8270C
2-Nitroaniline	ND		390	64	ug/kg dry	1.00	02/25/10 17:16	MKP	10B1344	8270C
2-Nitrophenol	ND		200	9.1	ug/kg dry	1.00	02/25/10 17:16	MKP	10B1344	8270C
3,3'-Dichlorobenzidine	ND		200	170	ug/kg dry	1.00	02/25/10 17:16	MKP	10B1344	8270C
3-Nitroaniline	ND		390	46	ug/kg dry	1.00	02/25/10 17:16	MKP	10B1344	8270C
4,6-Dinitro-2-methylphenol	ND		390	69	ug/kg dry	1.00	02/25/10 17:16	MKP	10B1344	8270C
4-Bromophenyl phenyl ether	ND		200	63	ug/kg dry	1.00	02/25/10 17:16	MKP	10B1344	8270C
4-Chloro-3-methylphenol	ND		200	8.2	ug/kg dry	1.00	02/25/10 17:16	MKP	10B1344	8270C
4-Chloroaniline	ND		200	58	ug/kg dry	1.00	02/25/10 17:16	MKP	10B1344	8270C
4-Chlorophenyl phenyl ether	ND		200	4.2	ug/kg dry	1.00	02/25/10 17:16	MKP	10B1344	8270C
4-Methylphenol	ND		390	11	ug/kg dry	1.00	02/25/10 17:16	MKP	10B1344	8270C
4-Nitroaniline	ND		390	22	ug/kg dry	1.00	02/25/10 17:16	MKP	10B1344	8270C
4-Nitrophenol	ND		390	48	ug/kg dry	1.00	02/25/10 17:16	MKP	10B1344	8270C
Acenaphthene	ND		200	2.3	ug/kg dry	1.00	02/25/10 17:16	MKP	10B1344	8270C
Acenaphthylene	ND		200	1.6	ug/kg dry	1.00	02/25/10 17:16	MKP	10B1344	8270C
Acetophenone	ND		200	10	ug/kg dry	1.00	02/25/10 17:16	MKP	10B1344	8270C
Anthracene	ND		200	5.1	ug/kg dry	1.00	02/25/10 17:16	MKP	10B1344	8270C
Atrazine	ND		200	8.8	ug/kg dry	1.00	02/25/10 17:16	MKP	10B1344	8270C
Benzaldehyde	ND		200	22	ug/kg dry	1.00	02/25/10 17:16	MKP	10B1344	8270C
Benzo(a)anthracene	ND		200	3.4	ug/kg dry	1.00	02/25/10 17:16	MKP	10B1344	8270C
Benzo(a)pyrene	ND		200	4.8	ug/kg dry	1.00	02/25/10 17:16	MKP	10B1344	8270C
Benzo(b)fluoranthene	ND		200	3.9	ug/kg dry	1.00	02/25/10 17:16	MKP	10B1344	8270C
Benzo(ghi)perylene	ND		200	2.4	ug/kg dry	1.00	02/25/10 17:16	MKP	10B1344	8270C
Benzo(k)fluoranthene	ND		200	2.2	ug/kg dry	1.00	02/25/10 17:16	MKP	10B1344	8270C
Biphenyl	ND		200	12	ug/kg dry	1.00	02/25/10 17:16	MKP	10B1344	8270C
Bis(2-chloroethoxy)methane	ND		200	11	ug/kg dry	1.00	02/25/10 17:16	MKP	10B1344	8270C
Bis(2-chloroethyl)ether	ND		200	17	ug/kg dry	1.00	02/25/10 17:16	MKP	10B1344	8270C
2,2'-Oxybis(1-Chloropropyl)ane	ND		200	21	ug/kg dry	1.00	02/25/10 17:16	MKP	10B1344	8270C
Bis(2-ethylhexyl)phthalate	ND		200	64	ug/kg dry	1.00	02/25/10 17:16	MKP	10B1344	8270C

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTB0894

Project: Commerce Square: Site# E932141

Project Number: E932141

Received: 02/22/10

Reported: 03/02/10 09:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
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Sample ID: RTB0894-03 (B2-05 - Solid) - cont.

Sampled: 02/19/10

Recvd: 02/22/10 16:45

Semivolatile Organics by GC/MS - cont.

Butyl benzyl phthalate	ND		200	53	ug/kg dry	1.00	02/25/10 17:16	MKP	10B1344	8270C
Caprolactam	ND		200	86	ug/kg dry	1.00	02/25/10 17:16	MKP	10B1344	8270C
Carbazole	ND		200	2.3	ug/kg dry	1.00	02/25/10 17:16	MKP	10B1344	8270C
Chrysene	ND		200	2.0	ug/kg dry	1.00	02/25/10 17:16	MKP	10B1344	8270C
Dibenzo(a,h)anthracene	ND		200	2.3	ug/kg dry	1.00	02/25/10 17:16	MKP	10B1344	8270C
Dibenzofuran	ND		200	2.1	ug/kg dry	1.00	02/25/10 17:16	MKP	10B1344	8270C
Diethyl phthalate	ND		200	6.0	ug/kg dry	1.00	02/25/10 17:16	MKP	10B1344	8270C
Dimethyl phthalate	ND		200	5.2	ug/kg dry	1.00	02/25/10 17:16	MKP	10B1344	8270C
Di-n-butyl phthalate	ND		200	69	ug/kg dry	1.00	02/25/10 17:16	MKP	10B1344	8270C
Di-n-octyl phthalate	ND		200	4.6	ug/kg dry	1.00	02/25/10 17:16	MKP	10B1344	8270C
Fluoranthene	ND		200	2.9	ug/kg dry	1.00	02/25/10 17:16	MKP	10B1344	8270C
Fluorene	ND		200	4.6	ug/kg dry	1.00	02/25/10 17:16	MKP	10B1344	8270C
Hexachlorobenzene	ND		200	9.9	ug/kg dry	1.00	02/25/10 17:16	MKP	10B1344	8270C
Hexachlorobutadiene	ND		200	10	ug/kg dry	1.00	02/25/10 17:16	MKP	10B1344	8270C
Hexachlorocyclopentadiene	ND		200	60	ug/kg dry	1.00	02/25/10 17:16	MKP	10B1344	8270C
Hexachloroethane	ND		200	15	ug/kg dry	1.00	02/25/10 17:16	MKP	10B1344	8270C
Indeno(1,2,3-cd)pyrene	ND		200	5.5	ug/kg dry	1.00	02/25/10 17:16	MKP	10B1344	8270C
Isophorone	ND		200	9.9	ug/kg dry	1.00	02/25/10 17:16	MKP	10B1344	8270C
Naphthalene	ND		200	3.3	ug/kg dry	1.00	02/25/10 17:16	MKP	10B1344	8270C
Nitrobenzene	ND		200	8.8	ug/kg dry	1.00	02/25/10 17:16	MKP	10B1344	8270C
N-Nitrosodi-n-propylamine	ND		200	16	ug/kg dry	1.00	02/25/10 17:16	MKP	10B1344	8270C
N-Nitrosodiphenylamine	ND		200	11	ug/kg dry	1.00	02/25/10 17:16	MKP	10B1344	8270C
Pentachloroethane	ND		390	98	ug/kg dry	1.00	02/25/10 17:16	MKP	10B1344	8270C
Pentachlorophenol	ND		390	68	ug/kg dry	1.00	02/25/10 17:16	MKP	10B1344	8270C
Phenanthrene	ND		200	4.2	ug/kg dry	1.00	02/25/10 17:16	MKP	10B1344	8270C
Phenol	ND		200	21	ug/kg dry	1.00	02/25/10 17:16	MKP	10B1344	8270C
Pyrene	ND		200	1.3	ug/kg dry	1.00	02/25/10 17:16	MKP	10B1344	8270C

2,4,6-Tribromophenol	97 %	Surr Limits: (39-146%)					02/25/10 17:16	MKP	10B1344	8270C
2-Fluorobiphenyl	78 %	Surr Limits: (37-120%)					02/25/10 17:16	MKP	10B1344	8270C
2-Fluorophenol	64 %	Surr Limits: (18-120%)					02/25/10 17:16	MKP	10B1344	8270C
Nitrobenzene-d5	73 %	Surr Limits: (34-132%)					02/25/10 17:16	MKP	10B1344	8270C
Phenol-d5	70 %	Surr Limits: (11-120%)					02/25/10 17:16	MKP	10B1344	8270C
p-Terphenyl-d14	77 %	Surr Limits: (58-147%)					02/25/10 17:16	MKP	10B1344	8270C

Polychlorinated Biphenyls by EPA Method 8082

Aroclor 1016	ND		20	3.9	ug/kg dry	1.00	02/24/10 08:59	JxM	10B1284	8082
Aroclor 1221	ND		20	3.9	ug/kg dry	1.00	02/24/10 08:59	JxM	10B1284	8082
Aroclor 1232	ND		20	3.9	ug/kg dry	1.00	02/24/10 08:59	JxM	10B1284	8082
Aroclor 1242	ND		20	4.3	ug/kg dry	1.00	02/24/10 08:59	JxM	10B1284	8082
Aroclor 1248	ND		20	3.9	ug/kg dry	1.00	02/24/10 08:59	JxM	10B1284	8082
Aroclor 1254	ND		20	4.2	ug/kg dry	1.00	02/24/10 08:59	JxM	10B1284	8082
Aroclor 1260	ND		20	4.2	ug/kg dry	1.00	02/24/10 08:59	JxM	10B1284	8082

Decachlorobiphenyl	105 %	Surr Limits: (34-148%)					02/24/10 08:59	JxM	10B1284	8082
Tetrachloro-m-xylene	58 %	Surr Limits: (35-134%)					02/24/10 08:59	JxM	10B1284	8082

Total Metals by SW 846 Series Methods

Aluminum	8450		11.6	NR	mg/kg dry	1.00	02/24/10 21:29	LMH	10B1297	6010B
Antimony	ND		17.4	NR	mg/kg dry	1.00	02/24/10 21:29	LMH	10B1297	6010B

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTB0894

Project: Commerce Square: Site# E932141

Project Number: E932141

Received: 02/22/10

Reported: 03/02/10 09:43

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTB0894-03 (B2-05 - Solid) - cont.					Sampled: 02/19/10			Recvd: 02/22/10 16:45		
<u>Total Metals by SW 846 Series Methods - cont.</u>										
Arsenic	2.4		2.3	NR	mg/kg dry	1.00	02/24/10 21:29	LMH	10B1297	6010B
Barium	70.8		0.581	NR	mg/kg dry	1.00	02/24/10 21:29	LMH	10B1297	6010B
Beryllium	0.362		0.232	NR	mg/kg dry	1.00	02/24/10 21:29	LMH	10B1297	6010B
Cadmium	ND		0.232	NR	mg/kg dry	1.00	02/24/10 21:29	LMH	10B1297	6010B
Calcium	42800		58.1	NR	mg/kg dry	1.00	02/24/10 21:29	LMH	10B1297	6010B
Chromium	12.1		0.581	NR	mg/kg dry	1.00	02/25/10 13:10	DAN	10B1297	6010B
Cobalt	8.88		0.581	NR	mg/kg dry	1.00	02/24/10 21:29	LMH	10B1297	6010B
Copper	9.6		1.2	NR	mg/kg dry	1.00	02/25/10 13:10	DAN	10B1297	6010B
Iron	15100		11.6	NR	mg/kg dry	1.00	02/25/10 13:10	DAN	10B1297	6010B
Lead	2.8		1.2	NR	mg/kg dry	1.00	02/24/10 21:29	LMH	10B1297	6010B
Magnesium	8130		23.2	NR	mg/kg dry	1.00	02/24/10 21:29	LMH	10B1297	6010B
Manganese	640		0.2	NR	mg/kg dry	1.00	02/24/10 21:29	LMH	10B1297	6010B
Nickel	19.6		5.81	NR	mg/kg dry	1.00	02/25/10 13:10	DAN	10B1297	6010B
Potassium	1390		34.9	NR	mg/kg dry	1.00	02/24/10 21:29	LMH	10B1297	6010B
Selenium	ND		4.6	NR	mg/kg dry	1.00	02/24/10 21:29	LMH	10B1297	6010B
Silver	ND		0.581	NR	mg/kg dry	1.00	02/24/10 21:29	LMH	10B1297	6010B
Sodium	182		163	NR	mg/kg dry	1.00	02/24/10 21:29	LMH	10B1297	6010B
Thallium	ND		7.0	NR	mg/kg dry	1.00	02/24/10 21:29	LMH	10B1297	6010B
Vanadium	16.6		0.581	NR	mg/kg dry	1.00	02/24/10 21:29	LMH	10B1297	6010B
Zinc	38.4		2.3	NR	mg/kg dry	1.00	02/24/10 21:29	LMH	10B1297	6010B
Mercury	ND		0.0248	NR	mg/kg dry	1.00	02/26/10 17:03	MXM	10B1532	7471A
<u>General Chemistry Parameters</u>										
Percent Solids	83		0.010	NR	%	1.00	02/23/10 16:46	CxM	10B1288	Dry Weight

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTB0894

Project: Commerce Square: Site# E932141

Project Number: E932141

Received: 02/22/10

Reported: 03/02/10 09:43

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracte	Units	Extract Volume	Units	Date Prepared	Lab Tech	Extraction Method
General Chemistry Parameters									
Dry Weight	10B1288	RTB0894-01	10.00	g	10.00	g	02/23/10 08:22	CXM	Dry Weight
Dry Weight	10B1288	RTB0894-02	10.00	g	10.00	g	02/23/10 08:22	CXM	Dry Weight
Dry Weight	10B1288	RTB0894-03	10.00	g	10.00	g	02/23/10 08:22	CXM	Dry Weight
Polychlorinated Biphenyls by EPA Method 8082									
8082	10B1284	RTB0894-03	30.30	g	10.00	mL	02/23/10 16:00	KMB	3550B GC
8082	10B1284	RTB0894-01	30.34	g	10.00	mL	02/23/10 16:00	KMB	3550B GC
8082	10B1284	RTB0894-02	30.49	g	10.00	mL	02/23/10 16:00	KMB	3550B GC
Semivolatile Organics by GC/MS									
8270C	10B1344	RTB0894-01	30.21	g	1.00	mL	02/24/10 11:00	BML	3550B MB
8270C	10B1344	RTB0894-02	30.49	g	1.00	mL	02/24/10 11:00	BML	3550B MB
8270C	10B1344	RTB0894-03	30.53	g	1.00	mL	02/24/10 11:00	BML	3550B MB
Total Metals by SW 846 Series Methods									
6010B	10B1297	RTB0894-02	0.49	g	50.00	mL	02/23/10 13:30	KCW	3050B
6010B	10B1297	RTB0894-03	0.52	g	50.00	mL	02/23/10 13:30	KCW	3050B
6010B	10B1297	RTB0894-01	0.54	g	50.00	mL	02/23/10 13:30	KCW	3050B
7471A	10B1532	RTB0894-02	0.57	g	50.00	mL	02/26/10 15:00	MXM	7471A_
7471A	10B1532	RTB0894-03	0.58	g	50.00	mL	02/26/10 15:00	MXM	7471A_
7471A	10B1532	RTB0894-01	0.58	g	50.00	mL	02/26/10 15:00	MXM	7471A_
Volatile Organic Compounds by EPA 8260B									
8260B	10B1465	RTB0894-02	5.09	g	5.00	mL	02/25/10 12:42	PJQ	5030B MS
8260B	10B1465	RTB0894-03	5.12	g	5.00	mL	02/25/10 12:42	PJQ	5030B MS
8260B	10B1465	RTB0894-01	5.18	g	5.00	mL	02/25/10 12:42	PJQ	5030B MS

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1/007)

Client

CD-Tech Env.

Project Manager

N. Wolabaugh

Date

2-22-10

Chain of Custody Number

165817

Address

500 Commerce

Telephone Number (Area Code)/Fax Number

Lab Number

Page 1 of 1

City

Amherst

State

NY

Zip Code

14208

Site Contact

D. Hoffman

Lab Contact

Carrier/Wealth Number

Project Name and Location (State)

Commerce St. CRPT NY

Contract/Purchase Order/Quote No.

Sample I.D. No. and Description
(Containers for each sample may be combined on one line)

Date

Time

Air

Aqueous

Sed.

Soil

Undres.

H2SO4

HNO3

HCl

NaOH

ZnAc/NaOH

Metals
PCBs
VOC's
SVOC's

Date

Time

Analysis (Attach list if more space is needed)

Special Instructions/
Conditions of Receipt

Possible Hazard Identification

☐ Non-Hazard

☐ Flammable

☐ Skin Irritant

☐ Poison B

☒ Unknown

☐ Return To Client

☐ Disposal By Lab

☐ Archive For _____ Months

(A fee may be assessed if samples are retained longer than 1 month)

QC Requirements (Specify)

Turn Around Time Required

☐ 24 Hours

☐ 48 Hours

☐ 7 Days

☐ 14 Days

☐ 21 Days

☐ Other _____

1. Relinquished By

2. Relinquished By

3. Relinquished By

Date

Time

1. Received By

2. Received By

3. Received By

Date

Time

Comments

5.48

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Analytical Report

Work Order: RTB1089

Project Description

Commerce Square: Site# E932141

For:

Jeffrey Konsella

New York State D.E.C. - Buffalo, NY

270 Michigan Avenue

Buffalo, NY 14203



Brian Fischer

Project Manager

Brian.Fischer@testamericainc.com

Wednesday, March 10, 2010

The test results in this report meet all NELAP requirements for analytes for which accreditation is required or available. Any exception to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this test report should be directed to the TestAmerica Project manager who has signed this report.

TestAmerica Buffalo Current Certifications

As of 12/21/2009

STATE	Program	Cert # / Lab ID
Arkansas	CWA, RCRA, SOIL	88-0686
California*	NELAP CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida*	NELAP CWA, RCRA	E87672
Georgia*	SDWA, NELAP CWA, RCRA	956
Illinois*	NELAP SDWA, CWA, RCRA	200003
Iowa	SW/CS	374
Kansas*	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana*	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY0044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	SDWA, CWA, RCRA	036-999-337
New Hampshire*	NELAP SDWA, CWA	233701
New Jersey*	NELAP, SDWA, CWA, RCRA,	NY455
New York*	NELAP, AIR, SDWA, CWA, RCRA, CLP	10026
Oklahoma	CWA, RCRA	9421
Pennsylvania*	NELAP CWA, RCRA	68-00281
Tennessee	SDWA	02970
Texas*	NELAP CWA, RCRA	T104704412-08-TX
USDA	FOREIGN SOIL PERMIT	S-41579
Virginia	SDWA	278
Washington*	NELAP CWA, RCRA	C1677
Wisconsin	CWA, RCRA	998310390
West Virginia	CWA, RCRA	252

*As required under the indicated accreditation, the test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report.

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTB1089

Project: Commerce Square: Site# E932141

Project Number: E932141

Received: 02/26/10

Reported: 03/10/10 13:59

CASE NARRATIVE

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. field-pH), they were not analyzed immediately, but as soon as possible after laboratory receipt.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverables has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.



Brian Fischer
Project Manager

Wednesday, March 10, 2010

A pertinent document is appended to this report, 1 page, is included and is an integral part of this report.

Reproduction of this analytical report is permitted only in its entirety. This report shall not be reproduced except in full without the written approval of the laboratory.

TestAmerica Laboratories, Inc. certifies that the analytical results contained herein apply only to the samples tested as received by our Laboratory.

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTB1089

Project: Commerce Square: Site# E932141

Project Number: E932141

Received: 02/26/10

Reported: 03/10/10 13:59

DATA QUALIFIERS AND DEFINITIONS

B	Analyte was detected in the associated Method Blank.
D08	Dilution required due to high concentration of target analyte(s)
J	Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL). Concentrations within this range are estimated.
W1	Sample was prepared and analyzed utilizing a medium level extraction.
NR	Any inclusion of NR indicates that the project specific requirements do not require reporting estimated values below the laboratory reporting limit.

ADDITIONAL COMMENTS

Results are reported on a wet weight basis unless otherwise noted.

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTB1089

Project: Commerce Square: Site# E932141

Project Number: E932141

Received: 02/26/10

Reported: 03/10/10 13:59

Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTB1089-01 (B3-16 - Solid)						Sampled: 02/26/10		Recvd: 02/26/10 10:40		
<u>Volatile Organic Compounds by EPA 8260B</u>										
1,1-Dichloroethane	3.6	J	5.9	0.29	ug/kg dry	1.00	02/27/10 00:03	CDC	10B1581	8260B
Acetone	7.2	J	30	1.3	ug/kg dry	1.00	02/27/10 00:03	CDC	10B1581	8260B
Methylene Chloride	5.6	J	5.9	1.2	ug/kg dry	1.00	02/27/10 00:03	CDC	10B1581	8260B
Tetrachloroethene	15		5.9	0.80	ug/kg dry	1.00	02/27/10 00:03	CDC	10B1581	8260B
Trichloroethene	4.9	J	5.9	0.41	ug/kg dry	1.00	02/27/10 00:03	CDC	10B1581	8260B
<u>Semivolatile Organics by GC/MS</u>										
Bis(2-ethylhexyl) phthalate	87	J, B	200	65	ug/kg dry	1.00	03/02/10 17:17	JLG	10C0037	8270C
Diethyl phthalate	36	J, B	200	6.1	ug/kg dry	1.00	03/02/10 17:17	JLG	10C0037	8270C
<u>Total Metals by SW 846 Series Methods</u>										
Aluminum	3350		11.2	NR	mg/kg dry	1.00	03/02/10 18:49	DAN	10C0004	6010B
Barium	18.4		0.560	NR	mg/kg dry	1.00	03/02/10 18:49	DAN	10C0004	6010B
Calcium	25300		56.0	NR	mg/kg dry	1.00	03/02/10 18:49	DAN	10C0004	6010B
Chromium	4.21		0.560	NR	mg/kg dry	1.00	03/02/10 18:49	DAN	10C0004	6010B
Cobalt	3.20		0.560	NR	mg/kg dry	1.00	03/02/10 18:49	DAN	10C0004	6010B
Copper	10.7		1.1	NR	mg/kg dry	1.00	03/02/10 18:49	DAN	10C0004	6010B
Iron	6820		11.2	NR	mg/kg dry	1.00	03/02/10 18:49	DAN	10C0004	6010B
Lead	3.8		1.1	NR	mg/kg dry	1.00	03/02/10 18:49	DAN	10C0004	6010B
Magnesium	5040		22.4	NR	mg/kg dry	1.00	03/02/10 18:49	DAN	10C0004	6010B
Manganese	317		0.2	NR	mg/kg dry	1.00	03/02/10 18:49	DAN	10C0004	6010B
Nickel	6.60		5.60	NR	mg/kg dry	1.00	03/02/10 18:49	DAN	10C0004	6010B
Potassium	841		33.6	NR	mg/kg dry	1.00	03/02/10 18:49	DAN	10C0004	6010B
Vanadium	7.31		0.560	NR	mg/kg dry	1.00	03/02/10 18:49	DAN	10C0004	6010B
Zinc	20.8		2.2	NR	mg/kg dry	1.00	03/02/10 18:49	DAN	10C0004	6010B
<u>General Chemistry Parameters</u>										
Percent Solids	83		0.010	NR	%	1.00	03/01/10 12:50	CxM	10C0016	Dry Weight
Sample ID: RTB1089-01RE1 (B3-16 - Solid)						Sampled: 02/26/10		Recvd: 02/26/10 10:40		
<u>Volatile Organic Compounds by EPA 8260B</u>										
cis-1,2-Dichloroethene	310	D08	26	1.3	ua/kg dry	1.00	03/03/10 02:02	CDC	10B1594	8260B

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTB1089

Project: Commerce Square: Site# E932141

Project Number: E932141

Received: 02/26/10

Reported: 03/10/10 13:59

Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTB1089-02 (B3-18 - Solid)						Sampled: 02/26/10		Recvd: 02/26/10 10:40		
<u>Volatile Organic Compounds by EPA 8260B</u>										
1,1,2-Trichloroethane	4.5	J	6.0	0.30	ug/kg dry	1.00	03/03/10 01:36	CDC	10B1594	8260B
Acetone	4.1	J	30	1.3	ug/kg dry	1.00	03/03/10 01:36	CDC	10B1594	8260B
cis-1,2-Dichloroethene	43		6.0	0.29	ug/kg dry	1.00	03/03/10 01:36	CDC	10B1594	8260B
Methylene Chloride	7.0	B	6.0	1.2	ug/kg dry	1.00	03/03/10 01:36	CDC	10B1594	8260B
<u>Semivolatile Organics by GC/MS</u>										
Bis(2-ethylhexyl) phthalate	88	J, B	200	64	ug/kg dry	1.00	03/02/10 17:40	JLG	10C0037	8270C
Diethyl phthalate	31	J, B	200	6.0	ug/kg dry	1.00	03/02/10 17:40	JLG	10C0037	8270C
<u>Total Metals by SW 846 Series Methods</u>										
Aluminum	14100		11.7	NR	mg/kg dry	1.00	03/02/10 19:14	DAN	10C0004	6010B
Arsenic	7.7		2.3	NR	mg/kg dry	1.00	03/02/10 19:14	DAN	10C0004	6010B
Barium	122		0.583	NR	mg/kg dry	1.00	03/02/10 19:14	DAN	10C0004	6010B
Beryllium	0.722		0.233	NR	mg/kg dry	1.00	03/02/10 19:14	DAN	10C0004	6010B
Cadmium	0.354		0.233	NR	mg/kg dry	1.00	03/02/10 19:14	DAN	10C0004	6010B
Calcium	47900		58.3	NR	mg/kg dry	1.00	03/02/10 19:14	DAN	10C0004	6010B
Chromium	19.4		0.583	NR	mg/kg dry	1.00	03/02/10 19:14	DAN	10C0004	6010B
Cobalt	10.4		0.583	NR	mg/kg dry	1.00	03/02/10 19:14	DAN	10C0004	6010B
Copper	14.8		1.2	NR	mg/kg dry	1.00	03/02/10 19:14	DAN	10C0004	6010B
Iron	22500		11.7	NR	mg/kg dry	1.00	03/02/10 19:14	DAN	10C0004	6010B
Lead	5.5		1.2	NR	mg/kg dry	1.00	03/02/10 19:14	DAN	10C0004	6010B
Magnesium	10900		23.3	NR	mg/kg dry	1.00	03/02/10 19:14	DAN	10C0004	6010B
Manganese	510		0.2	NR	mg/kg dry	1.00	03/02/10 19:14	DAN	10C0004	6010B
Nickel	24.4		5.83	NR	mg/kg dry	1.00	03/02/10 19:14	DAN	10C0004	6010B
Potassium	2640		35.0	NR	mg/kg dry	1.00	03/02/10 19:14	DAN	10C0004	6010B
Sodium	239		163	NR	mg/kg dry	1.00	03/02/10 19:14	DAN	10C0004	6010B
Vanadium	27.4		0.583	NR	mg/kg dry	1.00	03/02/10 19:14	DAN	10C0004	6010B
Zinc	60.4		2.3	NR	mg/kg dry	1.00	03/02/10 19:14	DAN	10C0004	6010B
<u>General Chemistry Parameters</u>										
Percent Solids	83		0.010	NR	%	1.00	03/01/10 12:52	CxM	10C0016	Dry Weight
Sample ID: RTB1089-02RE1 (B3-18 - Solid)						Sampled: 02/26/10		Recvd: 02/26/10 10:40		
<u>Volatile Organic Compounds by EPA 8260B</u>										
Trichloroethene	1100	W1	120	7.9	ua/kg dry	1.00	03/05/10 19:45	DHC	10C0342	8260B

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTB1089

Project: Commerce Square: Site# E932141

Project Number: E932141

Received: 02/26/10

Reported: 03/10/10 13:59

Sample Summary

Sample Identification	Lab Number	Client Matrix	Date/Time Sampled	Date/Time Received	Sample Qualifiers
B3-16	RTB1089-01	Solid	02/26/10	02/26/10 10:40	
B3-18	RTB1089-02	Solid	02/26/10	02/26/10 10:40	

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTB1089

Project: Commerce Square: Site# E932141

Project Number: E932141

Received: 02/26/10

Reported: 03/10/10 13:59

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTB1089-01 (B3-16 - Solid)						Sampled: 02/26/10		Recvd: 02/26/10 10:40		
<u>Volatile Organic Compounds by EPA 8260B</u>										
1,1,1-Trichloroethane	ND		5.9	0.43	ug/kg dry	1.00	02/27/10 00:03	CDC	10B1581	8260B
1,1,2,2-Tetrachloroethane	ND		5.9	0.96	ug/kg dry	1.00	02/27/10 00:03	CDC	10B1581	8260B
1,1,2-Trichloroethane	ND		5.9	0.30	ug/kg dry	1.00	02/27/10 00:03	CDC	10B1581	8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.9	3.0	ug/kg dry	1.00	02/27/10 00:03	CDC	10B1581	8260B
1,1-Dichloroethane	3.6	J	5.9	0.29	ug/kg dry	1.00	02/27/10 00:03	CDC	10B1581	8260B
1,1-Dichloroethene	ND		5.9	0.73	ug/kg dry	1.00	02/27/10 00:03	CDC	10B1581	8260B
1,2,4-Trichlorobenzene	ND		5.9	0.36	ug/kg dry	1.00	02/27/10 00:03	CDC	10B1581	8260B
1,2-Dibromo-3-chloropropane	ND		5.9	4.7	ug/kg dry	1.00	02/27/10 00:03	CDC	10B1581	8260B
1,2-Dibromoethane	ND		5.9	0.23	ug/kg dry	1.00	02/27/10 00:03	CDC	10B1581	8260B
1,2-Dichlorobenzene	ND		5.9	0.46	ug/kg dry	1.00	02/27/10 00:03	CDC	10B1581	8260B
1,2-Dichloroethane	ND		5.9	0.30	ug/kg dry	1.00	02/27/10 00:03	CDC	10B1581	8260B
1,2-Dichloropropane	ND		5.9	3.0	ug/kg dry	1.00	02/27/10 00:03	CDC	10B1581	8260B
1,3-Dichlorobenzene	ND		5.9	0.30	ug/kg dry	1.00	02/27/10 00:03	CDC	10B1581	8260B
1,4-Dichlorobenzene	ND		5.9	0.83	ug/kg dry	1.00	02/27/10 00:03	CDC	10B1581	8260B
2-Butanone	ND		30	2.2	ug/kg dry	1.00	02/27/10 00:03	CDC	10B1581	8260B
2-Hexanone	ND		30	3.0	ug/kg dry	1.00	02/27/10 00:03	CDC	10B1581	8260B
4-Methyl-2-pentanone	ND		30	1.9	ug/kg dry	1.00	02/27/10 00:03	CDC	10B1581	8260B
Acetone	7.2	J	30	1.3	ug/kg dry	1.00	02/27/10 00:03	CDC	10B1581	8260B
Benzene	ND		5.9	0.29	ug/kg dry	1.00	02/27/10 00:03	CDC	10B1581	8260B
Bromodichloromethane	ND		5.9	0.30	ug/kg dry	1.00	02/27/10 00:03	CDC	10B1581	8260B
Bromoform	ND		5.9	3.0	ug/kg dry	1.00	02/27/10 00:03	CDC	10B1581	8260B
Bromomethane	ND		5.9	1.3	ug/kg dry	1.00	02/27/10 00:03	CDC	10B1581	8260B
Carbon disulfide	ND		5.9	0.51	ug/kg dry	1.00	02/27/10 00:03	CDC	10B1581	8260B
Carbon Tetrachloride	ND		5.9	0.57	ug/kg dry	1.00	02/27/10 00:03	CDC	10B1581	8260B
Chlorobenzene	ND		5.9	0.78	ug/kg dry	1.00	02/27/10 00:03	CDC	10B1581	8260B
Dibromochloromethane	ND		5.9	0.33	ug/kg dry	1.00	02/27/10 00:03	CDC	10B1581	8260B
Chloroethane	ND		5.9	2.5	ug/kg dry	1.00	02/27/10 00:03	CDC	10B1581	8260B
Chloroform	ND		5.9	0.37	ug/kg dry	1.00	02/27/10 00:03	CDC	10B1581	8260B
Chloromethane	ND		5.9	0.36	ug/kg dry	1.00	02/27/10 00:03	CDC	10B1581	8260B
cis-1,3-Dichloropropene	ND		5.9	0.34	ug/kg dry	1.00	02/27/10 00:03	CDC	10B1581	8260B
Cyclohexane	ND		5.9	0.27	ug/kg dry	1.00	02/27/10 00:03	CDC	10B1581	8260B
Dichlorodifluoromethane	ND		5.9	0.49	ug/kg dry	1.00	02/27/10 00:03	CDC	10B1581	8260B
Ethylbenzene	ND		5.9	0.41	ug/kg dry	1.00	02/27/10 00:03	CDC	10B1581	8260B
Isopropylbenzene	ND		5.9	0.89	ug/kg dry	1.00	02/27/10 00:03	CDC	10B1581	8260B
Methyl Acetate	ND		5.9	0.32	ug/kg dry	1.00	02/27/10 00:03	CDC	10B1581	8260B
Methyl-t-Butyl Ether (MTBE)	ND		5.9	0.58	ug/kg dry	1.00	02/27/10 00:03	CDC	10B1581	8260B
Methylcyclohexane	ND		5.9	0.38	ug/kg dry	1.00	02/27/10 00:03	CDC	10B1581	8260B
Methylene Chloride	5.6	J	5.9	1.2	ug/kg dry	1.00	02/27/10 00:03	CDC	10B1581	8260B
Styrene	ND		5.9	0.30	ug/kg dry	1.00	02/27/10 00:03	CDC	10B1581	8260B
Tetrachloroethene	15		5.9	0.80	ug/kg dry	1.00	02/27/10 00:03	CDC	10B1581	8260B
Toluene	ND		5.9	0.45	ug/kg dry	1.00	02/27/10 00:03	CDC	10B1581	8260B
trans-1,2-Dichloroethene	ND		5.9	0.61	ug/kg dry	1.00	02/27/10 00:03	CDC	10B1581	8260B
trans-1,3-Dichloropropene	ND		5.9	0.29	ug/kg dry	1.00	02/27/10 00:03	CDC	10B1581	8260B
Trichloroethene	4.9	J	5.9	0.41	ug/kg dry	1.00	02/27/10 00:03	CDC	10B1581	8260B
Trichlorofluoromethane	ND		5.9	0.56	ug/kg dry	1.00	02/27/10 00:03	CDC	10B1581	8260B
Vinyl chloride	ND		5.9	0.72	ug/kg dry	1.00	02/27/10 00:03	CDC	10B1581	8260B
Xylenes, total	ND		12	1.0	ug/kg dry	1.00	02/27/10 00:03	CDC	10B1581	8260B

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTB1089

Project: Commerce Square: Site# E932141

Project Number: E932141

Received: 02/26/10

Reported: 03/10/10 13:59

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTB1089-01 (B3-16 - Solid) - cont.					Sampled: 02/26/10			Recvd: 02/26/10 10:40		

Volatile Organic Compounds by EPA 8260B - cont.

1,2-Dichloroethane-d4	79 %						02/27/10 00:03	CDC	10B1581	8260B
4-Bromofluorobenzene	100 %						02/27/10 00:03	CDC	10B1581	8260B
Toluene-d8	92 %						02/27/10 00:03	CDC	10B1581	8260B

Semivolatile Organics by GC/MS

2,4,5-Trichlorophenol	ND		200	44	ug/kg dry	1.00	03/02/10 17:17	JLG	10C0037	8270C
2,4,6-Trichlorophenol	ND		200	13	ug/kg dry	1.00	03/02/10 17:17	JLG	10C0037	8270C
2,4-Dichlorophenol	ND		200	11	ug/kg dry	1.00	03/02/10 17:17	JLG	10C0037	8270C
2,4-Dimethylphenol	ND		200	54	ug/kg dry	1.00	03/02/10 17:17	JLG	10C0037	8270C
2,4-Dinitrophenol	ND		390	70	ug/kg dry	1.00	03/02/10 17:17	JLG	10C0037	8270C
2,4-Dinitrotoluene	ND		200	31	ug/kg dry	1.00	03/02/10 17:17	JLG	10C0037	8270C
2,6-Dinitrotoluene	ND		200	49	ug/kg dry	1.00	03/02/10 17:17	JLG	10C0037	8270C
2-Chloronaphthalene	ND		200	13	ug/kg dry	1.00	03/02/10 17:17	JLG	10C0037	8270C
2-Chlorophenol	ND		200	10	ug/kg dry	1.00	03/02/10 17:17	JLG	10C0037	8270C
2-Methylnaphthalene	ND		200	2.4	ug/kg dry	1.00	03/02/10 17:17	JLG	10C0037	8270C
2-Methylphenol	ND		200	6.2	ug/kg dry	1.00	03/02/10 17:17	JLG	10C0037	8270C
2-Nitroaniline	ND		390	64	ug/kg dry	1.00	03/02/10 17:17	JLG	10C0037	8270C
2-Nitrophenol	ND		200	9.2	ug/kg dry	1.00	03/02/10 17:17	JLG	10C0037	8270C
3,3'-Dichlorobenzidine	ND		200	180	ug/kg dry	1.00	03/02/10 17:17	JLG	10C0037	8270C
3-Nitroaniline	ND		390	46	ug/kg dry	1.00	03/02/10 17:17	JLG	10C0037	8270C
4,6-Dinitro-2-methylphenol	ND		390	69	ug/kg dry	1.00	03/02/10 17:17	JLG	10C0037	8270C
4-Bromophenyl phenyl ether	ND		200	64	ug/kg dry	1.00	03/02/10 17:17	JLG	10C0037	8270C
4-Chloro-3-methylphenol	ND		200	8.3	ug/kg dry	1.00	03/02/10 17:17	JLG	10C0037	8270C
4-Chloroaniline	ND		200	59	ug/kg dry	1.00	03/02/10 17:17	JLG	10C0037	8270C
4-Chlorophenyl phenyl ether	ND		200	4.3	ug/kg dry	1.00	03/02/10 17:17	JLG	10C0037	8270C
4-Methylphenol	ND		390	11	ug/kg dry	1.00	03/02/10 17:17	JLG	10C0037	8270C
4-Nitroaniline	ND		390	22	ug/kg dry	1.00	03/02/10 17:17	JLG	10C0037	8270C
4-Nitrophenol	ND		390	49	ug/kg dry	1.00	03/02/10 17:17	JLG	10C0037	8270C
Acenaphthene	ND		200	2.4	ug/kg dry	1.00	03/02/10 17:17	JLG	10C0037	8270C
Acenaphthylene	ND		200	1.6	ug/kg dry	1.00	03/02/10 17:17	JLG	10C0037	8270C
Acetophenone	ND		200	10	ug/kg dry	1.00	03/02/10 17:17	JLG	10C0037	8270C
Anthracene	ND		200	5.1	ug/kg dry	1.00	03/02/10 17:17	JLG	10C0037	8270C
Atrazine	ND		200	8.9	ug/kg dry	1.00	03/02/10 17:17	JLG	10C0037	8270C
Benzaldehyde	ND		200	22	ug/kg dry	1.00	03/02/10 17:17	JLG	10C0037	8270C
Benzo(a)anthracene	ND		200	3.5	ug/kg dry	1.00	03/02/10 17:17	JLG	10C0037	8270C
Benzo(a)pyrene	ND		200	4.8	ug/kg dry	1.00	03/02/10 17:17	JLG	10C0037	8270C
Benzo(b)fluoranthene	ND		200	3.9	ug/kg dry	1.00	03/02/10 17:17	JLG	10C0037	8270C
Benzo(ghi)perylene	ND		200	2.4	ug/kg dry	1.00	03/02/10 17:17	JLG	10C0037	8270C
Benzo(k)fluoranthene	ND		200	2.2	ug/kg dry	1.00	03/02/10 17:17	JLG	10C0037	8270C
Biphenyl	ND		200	12	ug/kg dry	1.00	03/02/10 17:17	JLG	10C0037	8270C
Bis(2-chloroethoxy)methane	ND		200	11	ug/kg dry	1.00	03/02/10 17:17	JLG	10C0037	8270C
Bis(2-chloroethyl)ether	ND		200	17	ug/kg dry	1.00	03/02/10 17:17	JLG	10C0037	8270C
2,2'-Oxybis(1-Chloropropyl)ane	ND		200	21	ug/kg dry	1.00	03/02/10 17:17	JLG	10C0037	8270C
Bis(2-ethylhexyl) phthalate	87	J, B	200	65	ug/kg dry	1.00	03/02/10 17:17	JLG	10C0037	8270C
Butyl benzyl phthalate	ND		200	54	ug/kg dry	1.00	03/02/10 17:17	JLG	10C0037	8270C

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTB1089

Project: Commerce Square: Site# E932141

Project Number: E932141

Received: 02/26/10

Reported: 03/10/10 13:59

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
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Sample ID: RTB1089-01 (B3-16 - Solid) - cont.

Sampled: 02/26/10

Recvd: 02/26/10 10:40

Semivolatile Organics by GC/MS - cont.

Caprolactam	ND		200	87	ug/kg dry	1.00	03/02/10 17:17	JLG	10C0037	8270C
Carbazole	ND		200	2.3	ug/kg dry	1.00	03/02/10 17:17	JLG	10C0037	8270C
Chrysene	ND		200	2.0	ug/kg dry	1.00	03/02/10 17:17	JLG	10C0037	8270C
Dibenzo(a,h)anthracene	ND		200	2.4	ug/kg dry	1.00	03/02/10 17:17	JLG	10C0037	8270C
Dibenzofuran	ND		200	2.1	ug/kg dry	1.00	03/02/10 17:17	JLG	10C0037	8270C
Diethyl phthalate	36	J, B	200	6.1	ug/kg dry	1.00	03/02/10 17:17	JLG	10C0037	8270C
Dimethyl phthalate	ND		200	5.2	ug/kg dry	1.00	03/02/10 17:17	JLG	10C0037	8270C
Di-n-butyl phthalate	ND		200	69	ug/kg dry	1.00	03/02/10 17:17	JLG	10C0037	8270C
Di-n-octyl phthalate	ND		200	4.7	ug/kg dry	1.00	03/02/10 17:17	JLG	10C0037	8270C
Fluoranthene	ND		200	2.9	ug/kg dry	1.00	03/02/10 17:17	JLG	10C0037	8270C
Fluorene	ND		200	4.6	ug/kg dry	1.00	03/02/10 17:17	JLG	10C0037	8270C
Hexachlorobenzene	ND		200	10	ug/kg dry	1.00	03/02/10 17:17	JLG	10C0037	8270C
Hexachlorobutadiene	ND		200	10	ug/kg dry	1.00	03/02/10 17:17	JLG	10C0037	8270C
Hexachlorocyclopentadiene	ND		200	61	ug/kg dry	1.00	03/02/10 17:17	JLG	10C0037	8270C
Hexachloroethane	ND		200	16	ug/kg dry	1.00	03/02/10 17:17	JLG	10C0037	8270C
Indeno(1,2,3-cd)pyrene	ND		200	5.5	ug/kg dry	1.00	03/02/10 17:17	JLG	10C0037	8270C
Isophorone	ND		200	10	ug/kg dry	1.00	03/02/10 17:17	JLG	10C0037	8270C
Naphthalene	ND		200	3.3	ug/kg dry	1.00	03/02/10 17:17	JLG	10C0037	8270C
Nitrobenzene	ND		200	8.9	ug/kg dry	1.00	03/02/10 17:17	JLG	10C0037	8270C
N-Nitrosodi-n-propylamine	ND		200	16	ug/kg dry	1.00	03/02/10 17:17	JLG	10C0037	8270C
N-Nitrosodiphenylamine	ND		200	11	ug/kg dry	1.00	03/02/10 17:17	JLG	10C0037	8270C
Pentachloroethane	ND		390	99	ug/kg dry	1.00	03/02/10 17:17	JLG	10C0037	8270C
Pentachlorophenol	ND		390	69	ug/kg dry	1.00	03/02/10 17:17	JLG	10C0037	8270C
Phenanthrene	ND		200	4.2	ug/kg dry	1.00	03/02/10 17:17	JLG	10C0037	8270C
Phenol	ND		200	21	ug/kg dry	1.00	03/02/10 17:17	JLG	10C0037	8270C
Pyrene	ND		200	1.3	ug/kg dry	1.00	03/02/10 17:17	JLG	10C0037	8270C
2,4,6-Tribromophenol	87 %		Surr Limits: (39-146%)				03/02/10 17:17	JLG	10C0037	8270C
2-Fluorobiphenyl	73 %		Surr Limits: (37-120%)				03/02/10 17:17	JLG	10C0037	8270C
2-Fluorophenol	61 %		Surr Limits: (18-120%)				03/02/10 17:17	JLG	10C0037	8270C
Nitrobenzene-d5	72 %		Surr Limits: (34-132%)				03/02/10 17:17	JLG	10C0037	8270C
Phenol-d5	68 %		Surr Limits: (11-120%)				03/02/10 17:17	JLG	10C0037	8270C
p-Terphenyl-d14	70 %		Surr Limits: (58-147%)				03/02/10 17:17	JLG	10C0037	8270C

Polychlorinated Biphenyls by EPA Method 8082

Aroclor 1016	ND		20	3.9	ug/kg dry	1.00	03/04/10 08:05	JxM	10C0123	8082
Aroclor 1221	ND		20	3.9	ug/kg dry	1.00	03/04/10 08:05	JxM	10C0123	8082
Aroclor 1232	ND		20	3.9	ug/kg dry	1.00	03/04/10 08:05	JxM	10C0123	8082
Aroclor 1242	ND		20	4.3	ug/kg dry	1.00	03/04/10 08:05	JxM	10C0123	8082
Aroclor 1248	ND		20	3.9	ug/kg dry	1.00	03/04/10 08:05	JxM	10C0123	8082
Aroclor 1254	ND		20	4.2	ug/kg dry	1.00	03/04/10 08:05	JxM	10C0123	8082
Aroclor 1260	ND		20	4.2	ug/kg dry	1.00	03/04/10 08:05	JxM	10C0123	8082
Decachlorobiphenyl	102 %		Surr Limits: (34-148%)				03/04/10 08:05	JxM	10C0123	8082
Tetrachloro-m-xylene	85 %		Surr Limits: (35-134%)				03/04/10 08:05	JxM	10C0123	8082

Total Metals by SW 846 Series Methods

Aluminum	3350		11.2	NR	mg/kg dry	1.00	03/02/10 18:49	DAN	10C0004	6010B
Antimony	ND		16.8	NR	mg/kg dry	1.00	03/02/10 18:49	DAN	10C0004	6010B
Arsenic	ND		2.2	NR	mg/kg dry	1.00	03/02/10 18:49	DAN	10C0004	6010B

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTB1089

Project: Commerce Square: Site# E932141

Project Number: E932141

Received: 02/26/10

Reported: 03/10/10 13:59

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTB1089-01 (B3-16 - Solid) - cont.						Sampled: 02/26/10		Recvd: 02/26/10 10:40		
<u>Total Metals by SW 846 Series Methods - cont.</u>										
Barium	18.4		0.560	NR	mg/kg dry	1.00	03/02/10 18:49	DAN	10C0004	6010B
Beryllium	ND		0.224	NR	mg/kg dry	1.00	03/02/10 18:49	DAN	10C0004	6010B
Cadmium	ND		0.224	NR	mg/kg dry	1.00	03/02/10 18:49	DAN	10C0004	6010B
Calcium	25300		56.0	NR	mg/kg dry	1.00	03/02/10 18:49	DAN	10C0004	6010B
Chromium	4.21		0.560	NR	mg/kg dry	1.00	03/02/10 18:49	DAN	10C0004	6010B
Cobalt	3.20		0.560	NR	mg/kg dry	1.00	03/02/10 18:49	DAN	10C0004	6010B
Copper	10.7		1.1	NR	mg/kg dry	1.00	03/02/10 18:49	DAN	10C0004	6010B
Iron	6820		11.2	NR	mg/kg dry	1.00	03/02/10 18:49	DAN	10C0004	6010B
Lead	3.8		1.1	NR	mg/kg dry	1.00	03/02/10 18:49	DAN	10C0004	6010B
Magnesium	5040		22.4	NR	mg/kg dry	1.00	03/02/10 18:49	DAN	10C0004	6010B
Manganese	317		0.2	NR	mg/kg dry	1.00	03/02/10 18:49	DAN	10C0004	6010B
Nickel	6.60		5.60	NR	mg/kg dry	1.00	03/02/10 18:49	DAN	10C0004	6010B
Potassium	841		33.6	NR	mg/kg dry	1.00	03/02/10 18:49	DAN	10C0004	6010B
Selenium	ND		4.5	NR	mg/kg dry	1.00	03/02/10 18:49	DAN	10C0004	6010B
Silver	ND		0.560	NR	mg/kg dry	1.00	03/02/10 18:49	DAN	10C0004	6010B
Sodium	ND		157	NR	mg/kg dry	1.00	03/02/10 18:49	DAN	10C0004	6010B
Thallium	ND		6.7	NR	mg/kg dry	1.00	03/02/10 18:49	DAN	10C0004	6010B
Vanadium	7.31		0.560	NR	mg/kg dry	1.00	03/02/10 18:49	DAN	10C0004	6010B
Zinc	20.8		2.2	NR	mg/kg dry	1.00	03/02/10 18:49	DAN	10C0004	6010B
Mercury	ND		0.0254	NR	mg/kg dry	1.00	03/05/10 11:05	KCW	10C0332	7471A
<u>General Chemistry Parameters</u>										
Percent Solids	83		0.010	NR	%	1.00	03/01/10 12:50	CxM	10C0016	Dry Weight

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
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Work Order: RTB1089

Project: Commerce Square: Site# E932141

Project Number: E932141

Received: 02/26/10

Reported: 03/10/10 13:59

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTB1089-01RE1 (B3-16 - Solid)						Sampled: 02/26/10		Recvd: 02/26/10 10:40		
<u>Volatile Organic Compounds by EPA 8260B</u>										
cis-1,2-Dichloroethene	310	D08	26	1.3	ug/kg dry	1.00	03/03/10 02:02	CDC	10B1594	8260B
1,2-Dichloroethane-d4	93 %	D08	Surr Limits: (64-126%)				03/03/10 02:02	CDC	10B1594	8260B
4-Bromofluorobenzene	96 %	D08	Surr Limits: (72-126%)				03/03/10 02:02	CDC	10B1594	8260B
Toluene-d8	102 %	D08	Surr Limits: (71-125%)				03/03/10 02:02	CDC	10B1594	8260B

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTB1089

Project: Commerce Square: Site# E932141

Project Number: E932141

Received: 02/26/10

Reported: 03/10/10 13:59

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTB1089-02 (B3-18 - Solid)						Sampled: 02/26/10		Recvd: 02/26/10 10:40		
<u>Volatile Organic Compounds by EPA 8260B</u>										
1,1,1-Trichloroethane	ND	J	6.0	0.44	ug/kg dry	1.00	03/03/10 01:36	CDC	10B1594	8260B
1,1,2,2-Tetrachloroethane	ND		6.0	0.97	ug/kg dry	1.00	03/03/10 01:36	CDC	10B1594	8260B
1,1,2-Trichloroethane	4.5		6.0	0.30	ug/kg dry	1.00	03/03/10 01:36	CDC	10B1594	8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.0	3.0	ug/kg dry	1.00	03/03/10 01:36	CDC	10B1594	8260B
1,1-Dichloroethane	ND	J	6.0	0.30	ug/kg dry	1.00	03/03/10 01:36	CDC	10B1594	8260B
1,1-Dichloroethene	ND		6.0	0.73	ug/kg dry	1.00	03/03/10 01:36	CDC	10B1594	8260B
1,2,4-Trichlorobenzene	ND		6.0	0.36	ug/kg dry	1.00	03/03/10 01:36	CDC	10B1594	8260B
1,2-Dibromo-3-chloropropane	ND		6.0	4.8	ug/kg dry	1.00	03/03/10 01:36	CDC	10B1594	8260B
1,2-Dibromoethane	ND		6.0	0.23	ug/kg dry	1.00	03/03/10 01:36	CDC	10B1594	8260B
1,2-Dichlorobenzene	ND		6.0	0.47	ug/kg dry	1.00	03/03/10 01:36	CDC	10B1594	8260B
1,2-Dichloroethane	ND		6.0	0.30	ug/kg dry	1.00	03/03/10 01:36	CDC	10B1594	8260B
1,2-Dichloropropane	ND		6.0	3.0	ug/kg dry	1.00	03/03/10 01:36	CDC	10B1594	8260B
1,3-Dichlorobenzene	ND		6.0	0.31	ug/kg dry	1.00	03/03/10 01:36	CDC	10B1594	8260B
1,4-Dichlorobenzene	ND		6.0	0.84	ug/kg dry	1.00	03/03/10 01:36	CDC	10B1594	8260B
2-Butanone	ND		30	2.2	ug/kg dry	1.00	03/03/10 01:36	CDC	10B1594	8260B
2-Hexanone	ND		30	3.0	ug/kg dry	1.00	03/03/10 01:36	CDC	10B1594	8260B
4-Methyl-2-pentanone	ND		30	2.0	ug/kg dry	1.00	03/03/10 01:36	CDC	10B1594	8260B
Acetone	4.1		30	1.3	ug/kg dry	1.00	03/03/10 01:36	CDC	10B1594	8260B
Benzene	ND		6.0	0.29	ug/kg dry	1.00	03/03/10 01:36	CDC	10B1594	8260B
Bromodichloromethane	ND		6.0	0.31	ug/kg dry	1.00	03/03/10 01:36	CDC	10B1594	8260B
Bromoform	ND		6.0	3.0	ug/kg dry	1.00	03/03/10 01:36	CDC	10B1594	8260B
Bromomethane	ND		6.0	1.3	ug/kg dry	1.00	03/03/10 01:36	CDC	10B1594	8260B
Carbon disulfide	ND		6.0	0.51	ug/kg dry	1.00	03/03/10 01:36	CDC	10B1594	8260B
Carbon Tetrachloride	ND		6.0	0.58	ug/kg dry	1.00	03/03/10 01:36	CDC	10B1594	8260B
Chlorobenzene	ND		6.0	0.79	ug/kg dry	1.00	03/03/10 01:36	CDC	10B1594	8260B
Dibromochloromethane	ND		6.0	0.33	ug/kg dry	1.00	03/03/10 01:36	CDC	10B1594	8260B
Chloroethane	ND		6.0	2.5	ug/kg dry	1.00	03/03/10 01:36	CDC	10B1594	8260B
Chloroform	ND		6.0	0.37	ug/kg dry	1.00	03/03/10 01:36	CDC	10B1594	8260B
Chloromethane	ND		6.0	0.36	ug/kg dry	1.00	03/03/10 01:36	CDC	10B1594	8260B
cis-1,2-Dichloroethene	43		6.0	0.29	ug/kg dry	1.00	03/03/10 01:36	CDC	10B1594	8260B
cis-1,3-Dichloropropene	ND		6.0	0.34	ug/kg dry	1.00	03/03/10 01:36	CDC	10B1594	8260B
Cyclohexane	ND		6.0	0.28	ug/kg dry	1.00	03/03/10 01:36	CDC	10B1594	8260B
Dichlorodifluoromethane	ND		6.0	0.50	ug/kg dry	1.00	03/03/10 01:36	CDC	10B1594	8260B
Ethylbenzene	ND		6.0	0.41	ug/kg dry	1.00	03/03/10 01:36	CDC	10B1594	8260B
Isopropylbenzene	ND		6.0	0.90	ug/kg dry	1.00	03/03/10 01:36	CDC	10B1594	8260B
Methyl Acetate	ND		6.0	0.32	ug/kg dry	1.00	03/03/10 01:36	CDC	10B1594	8260B
Methyl-t-Butyl Ether (MTBE)	ND		6.0	0.59	ug/kg dry	1.00	03/03/10 01:36	CDC	10B1594	8260B
Methylcyclohexane	ND	B	6.0	0.39	ug/kg dry	1.00	03/03/10 01:36	CDC	10B1594	8260B
Methylene Chloride	7.0		6.0	1.2	ug/kg dry	1.00	03/03/10 01:36	CDC	10B1594	8260B
Styrene	ND		6.0	0.30	ug/kg dry	1.00	03/03/10 01:36	CDC	10B1594	8260B
Tetrachloroethene	ND		6.0	0.80	ug/kg dry	1.00	03/03/10 01:36	CDC	10B1594	8260B
Toluene	ND		6.0	0.45	ug/kg dry	1.00	03/03/10 01:36	CDC	10B1594	8260B
trans-1,2-Dichloroethene	ND		6.0	0.62	ug/kg dry	1.00	03/03/10 01:36	CDC	10B1594	8260B
trans-1,3-Dichloropropene	ND		6.0	0.29	ug/kg dry	1.00	03/03/10 01:36	CDC	10B1594	8260B
Trichlorofluoromethane	ND		6.0	0.57	ug/kg dry	1.00	03/03/10 01:36	CDC	10B1594	8260B
Vinyl chloride	ND		6.0	0.73	ug/kg dry	1.00	03/03/10 01:36	CDC	10B1594	8260B
Xylenes, total	ND		12	1.0	ug/kg dry	1.00	03/03/10 01:36	CDC	10B1594	8260B

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTB1089

Project: Commerce Square: Site# E932141

Project Number: E932141

Received: 02/26/10

Reported: 03/10/10 13:59

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTB1089-02 (B3-18 - Solid) - cont.					Sampled: 02/26/10			Recvd: 02/26/10 10:40		

Volatile Organic Compounds by EPA 8260B - cont.

1,2-Dichloroethane-d4	100 %						03/03/10 01:36	CDC	10B1594	8260B
4-Bromofluorobenzene	96 %						03/03/10 01:36	CDC	10B1594	8260B
Toluene-d8	100 %						03/03/10 01:36	CDC	10B1594	8260B

Semivolatile Organics by GC/MS

2,4,5-Trichlorophenol	ND		200	44	ug/kg dry	1.00	03/02/10 17:40	JLG	10C0037	8270C
2,4,6-Trichlorophenol	ND		200	13	ug/kg dry	1.00	03/02/10 17:40	JLG	10C0037	8270C
2,4-Dichlorophenol	ND		200	10	ug/kg dry	1.00	03/02/10 17:40	JLG	10C0037	8270C
2,4-Dimethylphenol	ND		200	54	ug/kg dry	1.00	03/02/10 17:40	JLG	10C0037	8270C
2,4-Dinitrophenol	ND		390	70	ug/kg dry	1.00	03/02/10 17:40	JLG	10C0037	8270C
2,4-Dinitrotoluene	ND		200	31	ug/kg dry	1.00	03/02/10 17:40	JLG	10C0037	8270C
2,6-Dinitrotoluene	ND		200	49	ug/kg dry	1.00	03/02/10 17:40	JLG	10C0037	8270C
2-Chloronaphthalene	ND		200	13	ug/kg dry	1.00	03/02/10 17:40	JLG	10C0037	8270C
2-Chlorophenol	ND		200	10	ug/kg dry	1.00	03/02/10 17:40	JLG	10C0037	8270C
2-Methylnaphthalene	ND		200	2.4	ug/kg dry	1.00	03/02/10 17:40	JLG	10C0037	8270C
2-Methylphenol	ND		200	6.1	ug/kg dry	1.00	03/02/10 17:40	JLG	10C0037	8270C
2-Nitroaniline	ND		390	64	ug/kg dry	1.00	03/02/10 17:40	JLG	10C0037	8270C
2-Nitrophenol	ND		200	9.1	ug/kg dry	1.00	03/02/10 17:40	JLG	10C0037	8270C
3,3'-Dichlorobenzidine	ND		200	180	ug/kg dry	1.00	03/02/10 17:40	JLG	10C0037	8270C
3-Nitroaniline	ND		390	46	ug/kg dry	1.00	03/02/10 17:40	JLG	10C0037	8270C
4,6-Dinitro-2-methylphenol	ND		390	69	ug/kg dry	1.00	03/02/10 17:40	JLG	10C0037	8270C
4-Bromophenyl phenyl ether	ND		200	64	ug/kg dry	1.00	03/02/10 17:40	JLG	10C0037	8270C
4-Chloro-3-methylphenol	ND		200	8.2	ug/kg dry	1.00	03/02/10 17:40	JLG	10C0037	8270C
4-Chloroaniline	ND		200	59	ug/kg dry	1.00	03/02/10 17:40	JLG	10C0037	8270C
4-Chlorophenyl phenyl ether	ND		200	4.3	ug/kg dry	1.00	03/02/10 17:40	JLG	10C0037	8270C
4-Methylphenol	ND		390	11	ug/kg dry	1.00	03/02/10 17:40	JLG	10C0037	8270C
4-Nitroaniline	ND		390	22	ug/kg dry	1.00	03/02/10 17:40	JLG	10C0037	8270C
4-Nitrophenol	ND		390	48	ug/kg dry	1.00	03/02/10 17:40	JLG	10C0037	8270C
Acenaphthene	ND		200	2.3	ug/kg dry	1.00	03/02/10 17:40	JLG	10C0037	8270C
Acenaphthylene	ND		200	1.6	ug/kg dry	1.00	03/02/10 17:40	JLG	10C0037	8270C
Acetophenone	ND		200	10	ug/kg dry	1.00	03/02/10 17:40	JLG	10C0037	8270C
Anthracene	ND		200	5.1	ug/kg dry	1.00	03/02/10 17:40	JLG	10C0037	8270C
Atrazine	ND		200	8.9	ug/kg dry	1.00	03/02/10 17:40	JLG	10C0037	8270C
Benzaldehyde	ND		200	22	ug/kg dry	1.00	03/02/10 17:40	JLG	10C0037	8270C
Benzo(a)anthracene	ND		200	3.4	ug/kg dry	1.00	03/02/10 17:40	JLG	10C0037	8270C
Benzo(a)pyrene	ND		200	4.8	ug/kg dry	1.00	03/02/10 17:40	JLG	10C0037	8270C
Benzo(b)fluoranthene	ND		200	3.9	ug/kg dry	1.00	03/02/10 17:40	JLG	10C0037	8270C
Benzo(ghi)perylene	ND		200	2.4	ug/kg dry	1.00	03/02/10 17:40	JLG	10C0037	8270C
Benzo(k)fluoranthene	ND		200	2.2	ug/kg dry	1.00	03/02/10 17:40	JLG	10C0037	8270C
Biphenyl	ND		200	12	ug/kg dry	1.00	03/02/10 17:40	JLG	10C0037	8270C
Bis(2-chloroethoxy)methane	ND		200	11	ug/kg dry	1.00	03/02/10 17:40	JLG	10C0037	8270C
Bis(2-chloroethyl)ether	ND		200	17	ug/kg dry	1.00	03/02/10 17:40	JLG	10C0037	8270C
2,2'-Oxybis(1-Chloropropyl)ane	ND		200	21	ug/kg dry	1.00	03/02/10 17:40	JLG	10C0037	8270C
Bis(2-ethylhexyl) phthalate	88	J, B	200	64	ug/kg dry	1.00	03/02/10 17:40	JLG	10C0037	8270C
Butyl benzyl phthalate	ND		200	54	ug/kg dry	1.00	03/02/10 17:40	JLG	10C0037	8270C

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
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Work Order: RTB1089

Project: Commerce Square: Site# E932141

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Reported: 03/10/10 13:59

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
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Sample ID: RTB1089-02 (B3-18 - Solid) - cont.

Sampled: 02/26/10

Recvd: 02/26/10 10:40

Semivolatile Organics by GC/MS - cont.

Caprolactam	ND		200	86	ug/kg dry	1.00	03/02/10 17:40	JLG	10C0037	8270C
Carbazole	ND		200	2.3	ug/kg dry	1.00	03/02/10 17:40	JLG	10C0037	8270C
Chrysene	ND		200	2.0	ug/kg dry	1.00	03/02/10 17:40	JLG	10C0037	8270C
Dibenzo(a,h)anthracene	ND		200	2.4	ug/kg dry	1.00	03/02/10 17:40	JLG	10C0037	8270C
Dibenzofuran	ND		200	2.1	ug/kg dry	1.00	03/02/10 17:40	JLG	10C0037	8270C
Diethyl phthalate	31	J, B	200	6.0	ug/kg dry	1.00	03/02/10 17:40	JLG	10C0037	8270C
Dimethyl phthalate	ND		200	5.2	ug/kg dry	1.00	03/02/10 17:40	JLG	10C0037	8270C
Di-n-butyl phthalate	ND		200	69	ug/kg dry	1.00	03/02/10 17:40	JLG	10C0037	8270C
Di-n-octyl phthalate	ND		200	4.7	ug/kg dry	1.00	03/02/10 17:40	JLG	10C0037	8270C
Fluoranthene	ND		200	2.9	ug/kg dry	1.00	03/02/10 17:40	JLG	10C0037	8270C
Fluorene	ND		200	4.6	ug/kg dry	1.00	03/02/10 17:40	JLG	10C0037	8270C
Hexachlorobenzene	ND		200	9.9	ug/kg dry	1.00	03/02/10 17:40	JLG	10C0037	8270C
Hexachlorobutadiene	ND		200	10	ug/kg dry	1.00	03/02/10 17:40	JLG	10C0037	8270C
Hexachlorocyclopentadiene	ND		200	60	ug/kg dry	1.00	03/02/10 17:40	JLG	10C0037	8270C
Hexachloroethane	ND		200	15	ug/kg dry	1.00	03/02/10 17:40	JLG	10C0037	8270C
Indeno(1,2,3-cd)pyrene	ND		200	5.5	ug/kg dry	1.00	03/02/10 17:40	JLG	10C0037	8270C
Isophorone	ND		200	10	ug/kg dry	1.00	03/02/10 17:40	JLG	10C0037	8270C
Naphthalene	ND		200	3.3	ug/kg dry	1.00	03/02/10 17:40	JLG	10C0037	8270C
Nitrobenzene	ND		200	8.9	ug/kg dry	1.00	03/02/10 17:40	JLG	10C0037	8270C
N-Nitrosodi-n-propylamine	ND		200	16	ug/kg dry	1.00	03/02/10 17:40	JLG	10C0037	8270C
N-Nitrosodiphenylamine	ND		200	11	ug/kg dry	1.00	03/02/10 17:40	JLG	10C0037	8270C
Pentachloroethane	ND		390	99	ug/kg dry	1.00	03/02/10 17:40	JLG	10C0037	8270C
Pentachlorophenol	ND		390	69	ug/kg dry	1.00	03/02/10 17:40	JLG	10C0037	8270C
Phenanthrene	ND		200	4.2	ug/kg dry	1.00	03/02/10 17:40	JLG	10C0037	8270C
Phenol	ND		200	21	ug/kg dry	1.00	03/02/10 17:40	JLG	10C0037	8270C
Pyrene	ND		200	1.3	ug/kg dry	1.00	03/02/10 17:40	JLG	10C0037	8270C
2,4,6-Tribromophenol	91 %		Surr Limits: (39-146%)				03/02/10 17:40	JLG	10C0037	8270C
2-Fluorobiphenyl	73 %		Surr Limits: (37-120%)				03/02/10 17:40	JLG	10C0037	8270C
2-Fluorophenol	59 %		Surr Limits: (18-120%)				03/02/10 17:40	JLG	10C0037	8270C
Nitrobenzene-d5	72 %		Surr Limits: (34-132%)				03/02/10 17:40	JLG	10C0037	8270C
Phenol-d5	66 %		Surr Limits: (11-120%)				03/02/10 17:40	JLG	10C0037	8270C
p-Terphenyl-d14	72 %		Surr Limits: (58-147%)				03/02/10 17:40	JLG	10C0037	8270C

Polychlorinated Biphenyls by EPA Method 8082

Aroclor 1016	ND		20	3.9	ug/kg dry	1.00	03/04/10 08:20	JxM	10C0123	8082
Aroclor 1221	ND		20	3.9	ug/kg dry	1.00	03/04/10 08:20	JxM	10C0123	8082
Aroclor 1232	ND		20	3.9	ug/kg dry	1.00	03/04/10 08:20	JxM	10C0123	8082
Aroclor 1242	ND		20	4.3	ug/kg dry	1.00	03/04/10 08:20	JxM	10C0123	8082
Aroclor 1248	ND		20	3.9	ug/kg dry	1.00	03/04/10 08:20	JxM	10C0123	8082
Aroclor 1254	ND		20	4.2	ug/kg dry	1.00	03/04/10 08:20	JxM	10C0123	8082
Aroclor 1260	ND		20	4.2	ug/kg dry	1.00	03/04/10 08:20	JxM	10C0123	8082
Decachlorobiphenyl	104 %		Surr Limits: (34-148%)				03/04/10 08:20	JxM	10C0123	8082
Tetrachloro-m-xylene	86 %		Surr Limits: (35-134%)				03/04/10 08:20	JxM	10C0123	8082

Total Metals by SW 846 Series Methods

Aluminum	14100		11.7	NR	mg/kg dry	1.00	03/02/10 19:14	DAN	10C0004	6010B
Antimony	ND		17.5	NR	mg/kg dry	1.00	03/02/10 19:14	DAN	10C0004	6010B
Arsenic	7.7		2.3	NR	mg/kg dry	1.00	03/02/10 19:14	DAN	10C0004	6010B

TestAmerica Buffalo - 10 Hazelwood Drive Amherst, NY 14228 tel 716-691-2600 fax 716-691-7991

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New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTB1089

Project: Commerce Square: Site# E932141

Project Number: E932141

Received: 02/26/10

Reported: 03/10/10 13:59

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTB1089-02 (B3-18 - Solid) - cont.					Sampled: 02/26/10			Recvd: 02/26/10 10:40		
<u>Total Metals by SW 846 Series Methods - cont.</u>										
Barium	122		0.583	NR	mg/kg dry	1.00	03/02/10 19:14	DAN	10C0004	6010B
Beryllium	0.722		0.233	NR	mg/kg dry	1.00	03/02/10 19:14	DAN	10C0004	6010B
Cadmium	0.354		0.233	NR	mg/kg dry	1.00	03/02/10 19:14	DAN	10C0004	6010B
Calcium	47900		58.3	NR	mg/kg dry	1.00	03/02/10 19:14	DAN	10C0004	6010B
Chromium	19.4		0.583	NR	mg/kg dry	1.00	03/02/10 19:14	DAN	10C0004	6010B
Cobalt	10.4		0.583	NR	mg/kg dry	1.00	03/02/10 19:14	DAN	10C0004	6010B
Copper	14.8		1.2	NR	mg/kg dry	1.00	03/02/10 19:14	DAN	10C0004	6010B
Iron	22500		11.7	NR	mg/kg dry	1.00	03/02/10 19:14	DAN	10C0004	6010B
Lead	5.5		1.2	NR	mg/kg dry	1.00	03/02/10 19:14	DAN	10C0004	6010B
Magnesium	10900		23.3	NR	mg/kg dry	1.00	03/02/10 19:14	DAN	10C0004	6010B
Manganese	510		0.2	NR	mg/kg dry	1.00	03/02/10 19:14	DAN	10C0004	6010B
Nickel	24.4		5.83	NR	mg/kg dry	1.00	03/02/10 19:14	DAN	10C0004	6010B
Potassium	2640		35.0	NR	mg/kg dry	1.00	03/02/10 19:14	DAN	10C0004	6010B
Selenium	ND		4.7	NR	mg/kg dry	1.00	03/02/10 19:14	DAN	10C0004	6010B
Silver	ND		0.583	NR	mg/kg dry	1.00	03/02/10 19:14	DAN	10C0004	6010B
Sodium	239		163	NR	mg/kg dry	1.00	03/02/10 19:14	DAN	10C0004	6010B
Thallium	ND		7.0	NR	mg/kg dry	1.00	03/02/10 19:14	DAN	10C0004	6010B
Vanadium	27.4		0.583	NR	mg/kg dry	1.00	03/02/10 19:14	DAN	10C0004	6010B
Zinc	60.4		2.3	NR	mg/kg dry	1.00	03/02/10 19:14	DAN	10C0004	6010B
Mercury	ND		0.0232	NR	mg/kg dry	1.00	03/05/10 11:12	KCW	10C0332	7471A
<u>General Chemistry Parameters</u>										
Percent Solids	83		0.010	NR	%	1.00	03/01/10 12:52	CxM	10C0016	Dry Weight

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTB1089

Project: Commerce Square: Site# E932141

Project Number: E932141

Received: 02/26/10

Reported: 03/10/10 13:59

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTB1089-02RE1 (B3-18 - Solid)						Sampled: 02/26/10		Recvd: 02/26/10 10:40		
<u>Volatile Organic Compounds by EPA 8260B</u>										
Trichloroethene	1100	W1	120	7.9	ug/kg dry	1.00	03/05/10 19:45	DHC	10C0342	8260B
1,2-Dichloroethane-d4	98 %	W1	Surr Limits: (10-190%)				03/05/10 19:45	DHC	10C0342	8260B
4-Bromofluorobenzene	94 %	W1	Surr Limits: (10-190%)				03/05/10 19:45	DHC	10C0342	8260B
Toluene-d8	100 %	W1	Surr Limits: (10-190%)				03/05/10 19:45	DHC	10C0342	8260B

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270 Michigan Avenue
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Work Order: RTB1089

Project: Commerce Square: Site# E932141

Project Number: E932141

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Reported: 03/10/10 13:59

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracte	Units	Extract Volume	Units	Date Prepared	Lab Tech	Extraction Method
General Chemistry Parameters									
Dry Weight	10C0016	RTB1089-01	10.00	g	10.00	g	03/01/10 09:23	CXM	Dry Weight
Dry Weight	10C0016	RTB1089-02	10.00	g	10.00	g	03/01/10 09:23	CXM	Dry Weight
Polychlorinated Biphenyls by EPA Method 8082									
8082	10C0123	RTB1089-02	30.29	g	10.00	mL	03/03/10 08:00	CXM	3550B GC
8082	10C0123	RTB1089-01	30.41	g	10.00	mL	03/03/10 08:00	CXM	3550B GC
Semivolatile Organics by GC/MS									
8270C	10C0037	RTB1089-01	30.30	g	1.00	mL	03/01/10 17:00	KMB	3550B MB
8270C	10C0037	RTB1089-02	30.56	g	1.00	mL	03/01/10 17:00	KMB	3550B MB
Total Metals by SW 846 Series Methods									
6010B	10C0004	RTB1089-02	0.52	g	50.00	mL	03/02/10 10:35	KCW	3050B
6010B	10C0004	RTB1089-01	0.54	g	50.00	mL	03/02/10 10:35	KCW	3050B
7471A	10C0332	RTB1089-01	0.57	g	50.00	mL	03/05/10 09:55	KCW	7471A_
7471A	10C0332	RTB1089-02	0.62	g	50.00	mL	03/05/10 09:55	KCW	7471A_
Volatile Organic Compounds by EPA 8260B									
8260B	10B1581	RTB1089-01	5.06	g	5.00	mL	02/26/10 19:43	CDC	5030B MS
8260B	10B1594	RTB1089-01RE	1.14	g	5.00	mL	02/27/10 13:26	CDC	5030B MS
8260B	10B1594	RTB1089-02	5.03	g	5.00	mL	02/27/10 13:26	CDC	5030B MS
8260B	10C0342	RTB1089-02RE	5.16	g	500.00	mL	03/05/10 10:02	DHC	Methanol Prep

Analytical Report

Work Order: RTD1785

Project Description

Commerce Square: Site# E932141

For:

Jeffrey Konsella

New York State D.E.C. - Buffalo, NY

270 Michigan Avenue

Buffalo, NY 14203



Brian Fischer

Project Manager

Brian.Fischer@testamericainc.com

Tuesday, May 4, 2010

The test results in this report meet all NELAP requirements for analytes for which accreditation is required or available. Any exception to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this test report should be directed to the TestAmerica Project manager who has signed this report.

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTD1785

Project: Commerce Square: Site# E932141

Project Number: E932141

Received: 04/23/10

Reported: 05/04/10 14:38

TestAmerica Buffalo Current Certifications

As of 12/21/2009

STATE	Program	Cert # / Lab ID
Arkansas	CWA, RCRA, SOIL	88-0686
California*	NELAP CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida*	NELAP CWA, RCRA	E87672
Georgia*	SDWA, NELAP CWA, RCRA	956
Illinois*	NELAP SDWA, CWA, RCRA	200003
Iowa	SW/CS	374
Kansas*	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana*	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY0044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	SDWA, CWA, RCRA	036-999-337
New Hampshire*	NELAP SDWA, CWA	233701
New Jersey*	NELAP, SDWA, CWA, RCRA,	NY455
New York*	NELAP, AIR, SDWA, CWA, RCRA, CLP	10026
Oklahoma	CWA, RCRA	9421
Pennsylvania*	NELAP CWA, RCRA	68-00281
Tennessee	SDWA	02970
Texas*	NELAP CWA, RCRA	T104704412-08-TX
USDA	FOREIGN SOIL PERMIT	S-41579
Virginia	SDWA	278
Washington*	NELAP CWA, RCRA	C1677
Wisconsin	CWA, RCRA	998310390
West Virginia	CWA, RCRA	252

*As required under the indicated accreditation, the test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report.

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
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Work Order: RTD1785

Project: Commerce Square: Site# E932141

Project Number: E932141

Received: 04/23/10

Reported: 05/04/10 14:38

CASE NARRATIVE

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. field-pH), they were not analyzed immediately, but as soon as possible after laboratory receipt.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverables has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.



Brian Fischer
Project Manager

Tuesday, May 4, 2010

A pertinent document is appended to this report, 1 page, is included and is an integral part of this report.

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TestAmerica Laboratories, Inc. certifies that the analytical results contained herein apply only to the samples tested as received by our Laboratory.

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
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Work Order: RTD1785

Project: Commerce Square: Site# E932141

Project Number: E932141

Received: 04/23/10

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DATA QUALIFIERS AND DEFINITIONS

>	Result is greater than the indicated value.
B	Analyte was detected in the associated Method Blank.
BT	Analyte detected in the TCLP Extractor Blank. Analyte at least five times less than the TCLP Regulatory limit.
D07	Dilution required due to the nature of the TCLP matrix
D08	Dilution required due to high concentration of target analyte(s)
D10	Dilution required due to sample color
J	Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL). Concentrations within this range are estimated.
QSU	Sulfur (EPA 3660) clean-up performed on extract.
NR	Any inclusion of NR indicates that the project specific requirements do not require reporting estimated values below the laboratory reporting limit.

ADDITIONAL COMMENTS

Results are reported on a wet weight basis unless otherwise noted.

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTD1785

Project: Commerce Square: Site# E932141

Project Number: E932141

Received: 04/23/10

Reported: 05/04/10 14:38

Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTD1785-01 (GPO-3 6-8 - Solid)						Sampled: 04/20/10 15:20		Recvd: 04/23/10 15:00		
Volatile Organic Compounds by EPA 8260B										
2-Butanone	28	J	30	2.2	ug/kg dry	1.00	04/27/10 05:07	CDC	10D2515	8260B
4-Methyl-2-pentanone	6.9	J	30	1.9	ug/kg dry	1.00	04/27/10 05:07	CDC	10D2515	8260B
Acetone	100		30	5.0	ug/kg dry	1.00	04/27/10 05:07	CDC	10D2515	8260B
Benzene	17		5.9	0.29	ug/kg dry	1.00	04/27/10 05:07	CDC	10D2515	8260B
cis-1,2-Dichloroethene	6.5		5.9	0.76	ug/kg dry	1.00	04/27/10 05:07	CDC	10D2515	8260B
Cyclohexane	39	B	5.9	0.83	ug/kg dry	1.00	04/27/10 05:07	CDC	10D2515	8260B
Ethylbenzene	170		5.9	0.41	ug/kg dry	1.00	04/27/10 05:07	CDC	10D2515	8260B
Isopropylbenzene	22		5.9	0.89	ug/kg dry	1.00	04/27/10 05:07	CDC	10D2515	8260B
Methylcyclohexane	63		5.9	0.90	ug/kg dry	1.00	04/27/10 05:07	CDC	10D2515	8260B
Tetrachloroethene	2.5	J	5.9	0.79	ug/kg dry	1.00	04/27/10 05:07	CDC	10D2515	8260B
Toluene	130	B	5.9	0.45	ug/kg dry	1.00	04/27/10 05:07	CDC	10D2515	8260B
Semivolatile Organics by GC/MS										
2-Methylnaphthalene	130	J	210	2.5	ug/kg dry	1.00	04/30/10 04:12	MKP	10D2484	8270C
Naphthalene	93	J	210	3.4	ug/kg dry	1.00	04/30/10 04:12	MKP	10D2484	8270C
Total Metals by SW 846 Series Methods										
Aluminum	11600		12.0	NR	mg/kg dry	1.00	04/27/10 16:33	DAN	10D2529	6010B
Arsenic	5.1		2.4	NR	mg/kg dry	1.00	04/27/10 16:33	DAN	10D2529	6010B
Barium	90.3		0.602	NR	mg/kg dry	1.00	04/27/10 16:33	DAN	10D2529	6010B
Beryllium	0.576		0.241	NR	mg/kg dry	1.00	04/27/10 16:33	DAN	10D2529	6010B
Calcium	39300		60.2	NR	mg/kg dry	1.00	04/27/10 16:33	DAN	10D2529	6010B
Chromium	15.7		0.602	NR	mg/kg dry	1.00	04/27/10 16:33	DAN	10D2529	6010B
Cobalt	15.3		0.602	NR	mg/kg dry	1.00	04/27/10 16:33	DAN	10D2529	6010B
Copper	13.9		1.2	NR	mg/kg dry	1.00	04/27/10 16:33	DAN	10D2529	6010B
Iron	19400		12.0	NR	mg/kg dry	1.00	04/27/10 16:33	DAN	10D2529	6010B
Lead	4.7		1.2	NR	mg/kg dry	1.00	04/27/10 16:33	DAN	10D2529	6010B
Magnesium	8760		24.1	NR	mg/kg dry	1.00	04/27/10 16:33	DAN	10D2529	6010B
Manganese	750		0.2	NR	mg/kg dry	1.00	04/27/10 16:33	DAN	10D2529	6010B
Nickel	26.7		6.02	NR	mg/kg dry	1.00	04/27/10 16:33	DAN	10D2529	6010B
Potassium	1970		36.1	NR	mg/kg dry	1.00	04/27/10 16:33	DAN	10D2529	6010B
Sodium	318		169	NR	mg/kg dry	1.00	04/27/10 16:33	DAN	10D2529	6010B
Vanadium	21.8		0.602	NR	mg/kg dry	1.00	04/27/10 16:33	DAN	10D2529	6010B
Zinc	47.0		2.4	NR	mg/kg dry	1.00	04/27/10 16:33	DAN	10D2529	6010B

General Chemistry Parameters

Percent Solids	83		0.010	NR	%	1.00	04/27/10 09:14	JR	10D2483	Dry Weight
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Sample ID: RTD1785-01RE1 (GPO-3 6-8 - Solid)

Sampled: 04/20/10 15:20

Recvd: 04/23/10 15:00

Volatile Organic Compounds by EPA 8260B

Xylenes, total	860	D08	59	4.9	ug/kg dry	1.00	04/28/10 23:35	PQ	10D2669	8260B
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New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTD1785

Project: Commerce Square: Site# E932141

Project Number: E932141

Received: 04/23/10

Reported: 05/04/10 14:38

Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTD1785-02 (GPO-3 10-12 - Solid)						Sampled: 04/20/10 15:50		Recvd: 04/23/10 15:00		
<u>Volatile Organic Compounds by EPA 8260B</u>										
2-Butanone	180		27	2.0	ug/kg dry	1.00	04/27/10 05:32	CDC	10D2515	8260B
2-Hexanone	6.1	J	27	2.7	ug/kg dry	1.00	04/27/10 05:32	CDC	10D2515	8260B
4-Methyl-2-pentanone	6.6	J	27	1.8	ug/kg dry	1.00	04/27/10 05:32	CDC	10D2515	8260B
Acetone	300		27	4.6	ug/kg dry	1.00	04/27/10 05:32	CDC	10D2515	8260B
Benzene	200		5.5	0.27	ug/kg dry	1.00	04/27/10 05:32	CDC	10D2515	8260B
cis-1,2-Dichloroethene	42		5.5	0.70	ug/kg dry	1.00	04/27/10 05:32	CDC	10D2515	8260B
Cyclohexane	110	B	5.5	0.77	ug/kg dry	1.00	04/27/10 05:32	CDC	10D2515	8260B
Isopropylbenzene	33		5.5	0.83	ug/kg dry	1.00	04/27/10 05:32	CDC	10D2515	8260B
Methylcyclohexane	160		5.5	0.83	ug/kg dry	1.00	04/27/10 05:32	CDC	10D2515	8260B
<u>Total Metals by SW 846 Series Methods</u>										
Aluminum	5330		10.8	NR	mg/kg dry	1.00	04/27/10 16:38	DAN	10D2529	6010B
Barium	44.2		0.542	NR	mg/kg dry	1.00	04/27/10 16:38	DAN	10D2529	6010B
Beryllium	0.260		0.217	NR	mg/kg dry	1.00	04/27/10 16:38	DAN	10D2529	6010B
Calcium	54200		54.2	NR	mg/kg dry	1.00	04/27/10 16:38	DAN	10D2529	6010B
Chromium	8.10		0.542	NR	mg/kg dry	1.00	04/27/10 16:38	DAN	10D2529	6010B
Cobalt	4.57		0.542	NR	mg/kg dry	1.00	04/27/10 16:38	DAN	10D2529	6010B
Copper	9.8		1.1	NR	mg/kg dry	1.00	04/27/10 16:38	DAN	10D2529	6010B
Iron	9870		10.8	NR	mg/kg dry	1.00	04/27/10 16:38	DAN	10D2529	6010B
Lead	5.1		1.1	NR	mg/kg dry	1.00	04/27/10 16:38	DAN	10D2529	6010B
Magnesium	10700		21.7	NR	mg/kg dry	1.00	04/27/10 16:38	DAN	10D2529	6010B
Manganese	420		0.2	NR	mg/kg dry	1.00	04/27/10 16:38	DAN	10D2529	6010B
Nickel	9.47		5.42	NR	mg/kg dry	1.00	04/27/10 16:38	DAN	10D2529	6010B
Potassium	1100		32.5	NR	mg/kg dry	1.00	04/27/10 16:38	DAN	10D2529	6010B
Sodium	257		152	NR	mg/kg dry	1.00	04/27/10 16:38	DAN	10D2529	6010B
Vanadium	11.9		0.542	NR	mg/kg dry	1.00	04/27/10 16:38	DAN	10D2529	6010B
Zinc	32.6		2.2	NR	mg/kg dry	1.00	04/27/10 16:38	DAN	10D2529	6010B
Mercury	0.0365		0.0224	NR	mg/kg dry	1.00	04/28/10 18:34	MXM	10D2457	7471A

General Chemistry Parameters

Percent Solids	89		0.010	NR	%	1.00	04/27/10 09:16	JR	10D2483	Dry Weight
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Sample ID: RTD1785-02RE1 (GPO-3 10-12 - Solid)

Sampled: 04/20/10 15:50

Recvd: 04/23/10 15:00

Volatile Organic Compounds by EPA 8260B

Ethylbenzene	160	D08	28	1.9	ug/kg dry	1.00	04/29/10 00:00	PQ	10D2669	8260B
Toluene	290	D08	28	2.1	ug/kg dry	1.00	04/29/10 00:00	PQ	10D2669	8260B
Xylenes, total	420	D08	56	4.7	ug/kg dry	1.00	04/29/10 00:00	PQ	10D2669	8260B

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTD1785

Project: Commerce Square: Site# E932141

Project Number: E932141

Received: 04/23/10

Reported: 05/04/10 14:38

Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTD1785-03 (DRUMS SOIL - Solid)					Sampled: 04/23/10 14:00			Recvd: 04/23/10 15:00		
<u>General Chemistry Parameters</u>										
Flashpoint	>176		50.0	NR	°F	1.00	04/24/10 15:00	RJP	10D2375	1010

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTD1785

Project: Commerce Square: Site# E932141

Project Number: E932141

Received: 04/23/10

Reported: 05/04/10 14:38

Sample Summary

Sample Identification	Lab Number	Client Matrix	Date/Time Sampled	Date/Time Received	Sample Qualifiers
GPO-3 6-8	RTD1785-01	Solid	04/20/10 15:20	04/23/10 15:00	
GPO-3 10-12	RTD1785-02	Solid	04/20/10 15:50	04/23/10 15:00	
DRUMS SOIL	RTD1785-03	Solid	04/23/10 14:00	04/23/10 15:00	

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTD1785

Project: Commerce Square: Site# E932141

Project Number: E932141

Received: 04/23/10

Reported: 05/04/10 14:38

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTD1785-01 (GPO-3 6-8 - Solid)							Sampled: 04/20/10 15:20		Recvd: 04/23/10 15:00	
<u>Volatile Organic Compounds by EPA 8260B</u>										
1,1,1-Trichloroethane	ND		5.9	0.43	ug/kg dry	1.00	04/27/10 05:07	CDC	10D2515	8260B
1,1,2,2-Tetrachloroethane	ND		5.9	0.96	ug/kg dry	1.00	04/27/10 05:07	CDC	10D2515	8260B
1,1,2-Trichloroethane	ND		5.9	0.77	ug/kg dry	1.00	04/27/10 05:07	CDC	10D2515	8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.9	1.3	ug/kg dry	1.00	04/27/10 05:07	CDC	10D2515	8260B
1,1-Dichloroethane	ND		5.9	0.72	ug/kg dry	1.00	04/27/10 05:07	CDC	10D2515	8260B
1,1-Dichloroethene	ND		5.9	0.72	ug/kg dry	1.00	04/27/10 05:07	CDC	10D2515	8260B
1,2,4-Trichlorobenzene	ND		5.9	0.36	ug/kg dry	1.00	04/27/10 05:07	CDC	10D2515	8260B
1,2-Dibromo-3-chloropropane	ND		5.9	3.0	ug/kg dry	1.00	04/27/10 05:07	CDC	10D2515	8260B
1,2-Dibromoethane	ND		5.9	0.76	ug/kg dry	1.00	04/27/10 05:07	CDC	10D2515	8260B
1,2-Dichlorobenzene	ND		5.9	0.46	ug/kg dry	1.00	04/27/10 05:07	CDC	10D2515	8260B
1,2-Dichloroethane	ND		5.9	0.30	ug/kg dry	1.00	04/27/10 05:07	CDC	10D2515	8260B
1,2-Dichloropropane	ND		5.9	3.0	ug/kg dry	1.00	04/27/10 05:07	CDC	10D2515	8260B
1,3-Dichlorobenzene	ND		5.9	0.30	ug/kg dry	1.00	04/27/10 05:07	CDC	10D2515	8260B
1,4-Dichlorobenzene	ND		5.9	0.83	ug/kg dry	1.00	04/27/10 05:07	CDC	10D2515	8260B
2-Butanone	28	J	30	2.2	ug/kg dry	1.00	04/27/10 05:07	CDC	10D2515	8260B
2-Hexanone	ND		30	3.0	ug/kg dry	1.00	04/27/10 05:07	CDC	10D2515	8260B
4-Methyl-2-pentanone	6.9	J	30	1.9	ug/kg dry	1.00	04/27/10 05:07	CDC	10D2515	8260B
Acetone	100		30	5.0	ug/kg dry	1.00	04/27/10 05:07	CDC	10D2515	8260B
Benzene	17		5.9	0.29	ug/kg dry	1.00	04/27/10 05:07	CDC	10D2515	8260B
Bromodichloromethane	ND		5.9	0.79	ug/kg dry	1.00	04/27/10 05:07	CDC	10D2515	8260B
Bromoform	ND		5.9	3.0	ug/kg dry	1.00	04/27/10 05:07	CDC	10D2515	8260B
Bromomethane	ND		5.9	0.53	ug/kg dry	1.00	04/27/10 05:07	CDC	10D2515	8260B
Carbon disulfide	ND		5.9	3.0	ug/kg dry	1.00	04/27/10 05:07	CDC	10D2515	8260B
Carbon Tetrachloride	ND		5.9	0.57	ug/kg dry	1.00	04/27/10 05:07	CDC	10D2515	8260B
Chlorobenzene	ND		5.9	0.78	ug/kg dry	1.00	04/27/10 05:07	CDC	10D2515	8260B
Dibromochloromethane	ND		5.9	0.76	ug/kg dry	1.00	04/27/10 05:07	CDC	10D2515	8260B
Chloroethane	ND		5.9	1.3	ug/kg dry	1.00	04/27/10 05:07	CDC	10D2515	8260B
Chloroform	ND		5.9	0.36	ug/kg dry	1.00	04/27/10 05:07	CDC	10D2515	8260B
Chloromethane	ND		5.9	0.36	ug/kg dry	1.00	04/27/10 05:07	CDC	10D2515	8260B
cis-1,2-Dichloroethene	6.5		5.9	0.76	ug/kg dry	1.00	04/27/10 05:07	CDC	10D2515	8260B
cis-1,3-Dichloropropene	ND		5.9	0.85	ug/kg dry	1.00	04/27/10 05:07	CDC	10D2515	8260B
Cyclohexane	39	B	5.9	0.83	ug/kg dry	1.00	04/27/10 05:07	CDC	10D2515	8260B
Dichlorodifluoromethane	ND		5.9	0.49	ug/kg dry	1.00	04/27/10 05:07	CDC	10D2515	8260B
Ethylbenzene	170		5.9	0.41	ug/kg dry	1.00	04/27/10 05:07	CDC	10D2515	8260B
Isopropylbenzene	22		5.9	0.89	ug/kg dry	1.00	04/27/10 05:07	CDC	10D2515	8260B
Methyl Acetate	ND		5.9	1.1	ug/kg dry	1.00	04/27/10 05:07	CDC	10D2515	8260B
Methyl-t-Butyl Ether (MTBE)	ND		5.9	0.58	ug/kg dry	1.00	04/27/10 05:07	CDC	10D2515	8260B
Methylcyclohexane	63		5.9	0.90	ug/kg dry	1.00	04/27/10 05:07	CDC	10D2515	8260B
Methylene Chloride	ND		5.9	2.7	ug/kg dry	1.00	04/27/10 05:07	CDC	10D2515	8260B
Styrene	ND		5.9	0.30	ug/kg dry	1.00	04/27/10 05:07	CDC	10D2515	8260B
Tetrachloroethene	2.5	J	5.9	0.79	ug/kg dry	1.00	04/27/10 05:07	CDC	10D2515	8260B
Toluene	130	B	5.9	0.45	ug/kg dry	1.00	04/27/10 05:07	CDC	10D2515	8260B
trans-1,2-Dichloroethene	ND		5.9	0.61	ug/kg dry	1.00	04/27/10 05:07	CDC	10D2515	8260B
trans-1,3-Dichloropropene	ND		5.9	2.6	ug/kg dry	1.00	04/27/10 05:07	CDC	10D2515	8260B
Trichloroethene	ND		5.9	1.3	ug/kg dry	1.00	04/27/10 05:07	CDC	10D2515	8260B
Trichlorofluoromethane	ND		5.9	0.56	ug/kg dry	1.00	04/27/10 05:07	CDC	10D2515	8260B
Vinyl chloride	ND		5.9	0.72	ug/kg dry	1.00	04/27/10 05:07	CDC	10D2515	8260B

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTD1785

Project: Commerce Square: Site# E932141

Project Number: E932141

Received: 04/23/10

Reported: 05/04/10 14:38

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
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Sample ID: RTD1785-01 (GPO-3 6-8 - Solid) - cont.

Sampled: 04/20/10 15:20

Recvd: 04/23/10 15:00

Volatile Organic Compounds by EPA 8260B - cont.

1,2-Dichloroethane-d4	108 %						04/27/10 05:07	CDC	10D2515	8260B
4-Bromofluorobenzene	115 %						04/27/10 05:07	CDC	10D2515	8260B
Toluene-d8	114 %						04/27/10 05:07	CDC	10D2515	8260B

Semivolatile Organics by GC/MS

2,4,5-Trichlorophenol	ND		210	45	ug/kg dry	1.00	04/30/10 04:12	MKP	10D2484	8270C
2,4,6-Trichlorophenol	ND		210	13	ug/kg dry	1.00	04/30/10 04:12	MKP	10D2484	8270C
2,4-Dichlorophenol	ND		210	11	ug/kg dry	1.00	04/30/10 04:12	MKP	10D2484	8270C
2,4-Dimethylphenol	ND		210	55	ug/kg dry	1.00	04/30/10 04:12	MKP	10D2484	8270C
2,4-Dinitrophenol	ND		400	71	ug/kg dry	1.00	04/30/10 04:12	MKP	10D2484	8270C
2,4-Dinitrotoluene	ND		210	32	ug/kg dry	1.00	04/30/10 04:12	MKP	10D2484	8270C
2,6-Dinitrotoluene	ND		210	50	ug/kg dry	1.00	04/30/10 04:12	MKP	10D2484	8270C
2-Chloronaphthalene	ND		210	14	ug/kg dry	1.00	04/30/10 04:12	MKP	10D2484	8270C
2-Chlorophenol	ND		210	10	ug/kg dry	1.00	04/30/10 04:12	MKP	10D2484	8270C
2-Methylnaphthalene	130	J	210	2.5	ug/kg dry	1.00	04/30/10 04:12	MKP	10D2484	8270C
2-Methylphenol	ND		210	6.3	ug/kg dry	1.00	04/30/10 04:12	MKP	10D2484	8270C
2-Nitroaniline	ND		400	65	ug/kg dry	1.00	04/30/10 04:12	MKP	10D2484	8270C
2-Nitrophenol	ND		210	9.3	ug/kg dry	1.00	04/30/10 04:12	MKP	10D2484	8270C
3,3'-Dichlorobenzidine	ND		210	180	ug/kg dry	1.00	04/30/10 04:12	MKP	10D2484	8270C
3-Nitroaniline	ND		400	47	ug/kg dry	1.00	04/30/10 04:12	MKP	10D2484	8270C
4,6-Dinitro-2-methylphenol	ND		400	70	ug/kg dry	1.00	04/30/10 04:12	MKP	10D2484	8270C
4-Bromophenyl phenyl ether	ND		210	65	ug/kg dry	1.00	04/30/10 04:12	MKP	10D2484	8270C
4-Chloro-3-methylphenol	ND		210	8.4	ug/kg dry	1.00	04/30/10 04:12	MKP	10D2484	8270C
4-Chloroaniline	ND		210	60	ug/kg dry	1.00	04/30/10 04:12	MKP	10D2484	8270C
4-Chlorophenyl phenyl ether	ND		210	4.3	ug/kg dry	1.00	04/30/10 04:12	MKP	10D2484	8270C
4-Methylphenol	ND		400	11	ug/kg dry	1.00	04/30/10 04:12	MKP	10D2484	8270C
4-Nitroaniline	ND		400	23	ug/kg dry	1.00	04/30/10 04:12	MKP	10D2484	8270C
4-Nitrophenol	ND		400	49	ug/kg dry	1.00	04/30/10 04:12	MKP	10D2484	8270C
Acenaphthene	ND		210	2.4	ug/kg dry	1.00	04/30/10 04:12	MKP	10D2484	8270C
Acenaphthylene	ND		210	1.7	ug/kg dry	1.00	04/30/10 04:12	MKP	10D2484	8270C
Acetophenone	ND		210	10	ug/kg dry	1.00	04/30/10 04:12	MKP	10D2484	8270C
Anthracene	ND		210	5.2	ug/kg dry	1.00	04/30/10 04:12	MKP	10D2484	8270C
Atrazine	ND		210	9.1	ug/kg dry	1.00	04/30/10 04:12	MKP	10D2484	8270C
Benzaldehyde	ND		210	22	ug/kg dry	1.00	04/30/10 04:12	MKP	10D2484	8270C
Benzo(a)anthracene	ND		210	3.5	ug/kg dry	1.00	04/30/10 04:12	MKP	10D2484	8270C
Benzo(a)pyrene	ND		210	4.9	ug/kg dry	1.00	04/30/10 04:12	MKP	10D2484	8270C
Benzo(b)fluoranthene	ND		210	4.0	ug/kg dry	1.00	04/30/10 04:12	MKP	10D2484	8270C
Benzo(ghi)perylene	ND		210	2.4	ug/kg dry	1.00	04/30/10 04:12	MKP	10D2484	8270C
Benzo(k)fluoranthene	ND		210	2.2	ug/kg dry	1.00	04/30/10 04:12	MKP	10D2484	8270C
Biphenyl	ND		210	13	ug/kg dry	1.00	04/30/10 04:12	MKP	10D2484	8270C
Bis(2-chloroethoxy)methane	ND		210	11	ug/kg dry	1.00	04/30/10 04:12	MKP	10D2484	8270C
Bis(2-chloroethyl)ether	ND		210	18	ug/kg dry	1.00	04/30/10 04:12	MKP	10D2484	8270C
2,2'-Oxybis(1-Chloropropyl)ane	ND		210	21	ug/kg dry	1.00	04/30/10 04:12	MKP	10D2484	8270C
Bis(2-ethylhexyl)phthalate	ND		210	66	ug/kg dry	1.00	04/30/10 04:12	MKP	10D2484	8270C
Butyl benzyl phthalate	ND		210	55	ug/kg dry	1.00	04/30/10 04:12	MKP	10D2484	8270C

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTD1785

Project: Commerce Square: Site# E932141

Project Number: E932141

Received: 04/23/10

Reported: 05/04/10 14:38

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
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Sample ID: RTD1785-01 (GPO-3 6-8 - Solid) - cont.

Sampled: 04/20/10 15:20

Recvd: 04/23/10 15:00

Semivolatile Organics by GC/MS - cont.

Caprolactam	ND		210	88	ug/kg dry	1.00	04/30/10 04:12	MKP	10D2484	8270C
Carbazole	ND		210	2.4	ug/kg dry	1.00	04/30/10 04:12	MKP	10D2484	8270C
Chrysene	ND		210	2.0	ug/kg dry	1.00	04/30/10 04:12	MKP	10D2484	8270C
Dibenzo(a,h)anthracene	ND		210	2.4	ug/kg dry	1.00	04/30/10 04:12	MKP	10D2484	8270C
Dibenzofuran	ND		210	2.1	ug/kg dry	1.00	04/30/10 04:12	MKP	10D2484	8270C
Diethyl phthalate	ND		210	6.2	ug/kg dry	1.00	04/30/10 04:12	MKP	10D2484	8270C
Dimethyl phthalate	ND		210	5.3	ug/kg dry	1.00	04/30/10 04:12	MKP	10D2484	8270C
Di-n-butyl phthalate	ND		210	71	ug/kg dry	1.00	04/30/10 04:12	MKP	10D2484	8270C
Di-n-octyl phthalate	ND		210	4.8	ug/kg dry	1.00	04/30/10 04:12	MKP	10D2484	8270C
Fluoranthene	ND		210	3.0	ug/kg dry	1.00	04/30/10 04:12	MKP	10D2484	8270C
Fluorene	ND		210	4.7	ug/kg dry	1.00	04/30/10 04:12	MKP	10D2484	8270C
Hexachlorobenzene	ND		210	10	ug/kg dry	1.00	04/30/10 04:12	MKP	10D2484	8270C
Hexachlorobutadiene	ND		210	10	ug/kg dry	1.00	04/30/10 04:12	MKP	10D2484	8270C
Hexachlorocyclopentadiene	ND		210	62	ug/kg dry	1.00	04/30/10 04:12	MKP	10D2484	8270C
Hexachloroethane	ND		210	16	ug/kg dry	1.00	04/30/10 04:12	MKP	10D2484	8270C
Indeno(1,2,3-cd)pyrene	ND		210	5.6	ug/kg dry	1.00	04/30/10 04:12	MKP	10D2484	8270C
Isophorone	ND		210	10	ug/kg dry	1.00	04/30/10 04:12	MKP	10D2484	8270C
Naphthalene	93	J	210	3.4	ug/kg dry	1.00	04/30/10 04:12	MKP	10D2484	8270C
Nitrobenzene	ND		210	9.0	ug/kg dry	1.00	04/30/10 04:12	MKP	10D2484	8270C
N-Nitrosodi-n-propylamine	ND		210	16	ug/kg dry	1.00	04/30/10 04:12	MKP	10D2484	8270C
N-Nitrosodiphenylamine	ND		210	11	ug/kg dry	1.00	04/30/10 04:12	MKP	10D2484	8270C
Pentachlorophenol	ND		400	70	ug/kg dry	1.00	04/30/10 04:12	MKP	10D2484	8270C
Phenanthrene	ND		210	4.3	ug/kg dry	1.00	04/30/10 04:12	MKP	10D2484	8270C
Phenol	ND		210	21	ug/kg dry	1.00	04/30/10 04:12	MKP	10D2484	8270C
Pyrene	ND		210	1.3	ug/kg dry	1.00	04/30/10 04:12	MKP	10D2484	8270C
2,4,6-Tribromophenol	101 %		Surr Limits: (39-146%)				04/30/10 04:12	MKP	10D2484	8270C
2-Fluorobiphenyl	75 %		Surr Limits: (37-120%)				04/30/10 04:12	MKP	10D2484	8270C
2-Fluorophenol	54 %		Surr Limits: (18-120%)				04/30/10 04:12	MKP	10D2484	8270C
Nitrobenzene-d5	58 %		Surr Limits: (34-132%)				04/30/10 04:12	MKP	10D2484	8270C
Phenol-d5	60 %		Surr Limits: (11-120%)				04/30/10 04:12	MKP	10D2484	8270C
p-Terphenyl-d14	82 %		Surr Limits: (58-147%)				04/30/10 04:12	MKP	10D2484	8270C

Polychlorinated Biphenyls by EPA Method 8082

Aroclor 1016 [2C]	ND	QSU	20	3.9	ug/kg dry	1.00	05/02/10 18:43	JxM	10D2828	8082
Aroclor 1221 [2C]	ND	QSU	20	3.9	ug/kg dry	1.00	05/02/10 18:43	JxM	10D2828	8082
Aroclor 1232 [2C]	ND	QSU	20	3.9	ug/kg dry	1.00	05/02/10 18:43	JxM	10D2828	8082
Aroclor 1242 [2C]	ND	QSU	20	4.3	ug/kg dry	1.00	05/02/10 18:43	JxM	10D2828	8082
Aroclor 1248 [2C]	ND	QSU	20	3.9	ug/kg dry	1.00	05/02/10 18:43	JxM	10D2828	8082
Aroclor 1254 [2C]	ND	QSU	20	4.2	ug/kg dry	1.00	05/02/10 18:43	JxM	10D2828	8082
Aroclor 1260 [2C]	ND	QSU	20	9.3	ug/kg dry	1.00	05/02/10 18:43	JxM	10D2828	8082
Decachlorobiphenyl [2C]	83 %	QSU	Surr Limits: (34-148%)				05/02/10 18:43	JxM	10D2828	8082
Tetrachloro-m-xylene [2C]	69 %	QSU	Surr Limits: (35-134%)				05/02/10 18:43	JxM	10D2828	8082

Total Metals by SW 846 Series Methods

Aluminum	11600		12.0	NR	mg/kg dry	1.00	04/27/10 16:33	DAN	10D2529	6010B
Antimony	ND		18.1	NR	mg/kg dry	1.00	04/27/10 16:33	DAN	10D2529	6010B
Arsenic	5.1		2.4	NR	mg/kg dry	1.00	04/27/10 16:33	DAN	10D2529	6010B

TestAmerica Buffalo - 10 Hazelwood Drive Amherst, NY 14228 tel 716-691-2600 fax 716-691-7991

www.testamericainc.com

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTD1785

Project: Commerce Square: Site# E932141

Project Number: E932141

Received: 04/23/10

Reported: 05/04/10 14:38

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTD1785-01 (GPO-3 6-8 - Solid) - cont.						Sampled: 04/20/10 15:20		Recvd: 04/23/10 15:00		
<u>Total Metals by SW 846 Series Methods - cont.</u>										
Barium	90.3		0.602	NR	mg/kg dry	1.00	04/27/10 16:33	DAN	10D2529	6010B
Beryllium	0.576		0.241	NR	mg/kg dry	1.00	04/27/10 16:33	DAN	10D2529	6010B
Cadmium	ND		0.241	NR	mg/kg dry	1.00	04/27/10 16:33	DAN	10D2529	6010B
Calcium	39300		60.2	NR	mg/kg dry	1.00	04/27/10 16:33	DAN	10D2529	6010B
Chromium	15.7		0.602	NR	mg/kg dry	1.00	04/27/10 16:33	DAN	10D2529	6010B
Cobalt	15.3		0.602	NR	mg/kg dry	1.00	04/27/10 16:33	DAN	10D2529	6010B
Copper	13.9		1.2	NR	mg/kg dry	1.00	04/27/10 16:33	DAN	10D2529	6010B
Iron	19400		12.0	NR	mg/kg dry	1.00	04/27/10 16:33	DAN	10D2529	6010B
Lead	4.7		1.2	NR	mg/kg dry	1.00	04/27/10 16:33	DAN	10D2529	6010B
Magnesium	8760		24.1	NR	mg/kg dry	1.00	04/27/10 16:33	DAN	10D2529	6010B
Manganese	750		0.2	NR	mg/kg dry	1.00	04/27/10 16:33	DAN	10D2529	6010B
Nickel	26.7		6.02	NR	mg/kg dry	1.00	04/27/10 16:33	DAN	10D2529	6010B
Potassium	1970		36.1	NR	mg/kg dry	1.00	04/27/10 16:33	DAN	10D2529	6010B
Selenium	ND		4.8	NR	mg/kg dry	1.00	04/27/10 16:33	DAN	10D2529	6010B
Silver	ND		0.602	NR	mg/kg dry	1.00	04/27/10 16:33	DAN	10D2529	6010B
Sodium	318		169	NR	mg/kg dry	1.00	04/27/10 16:33	DAN	10D2529	6010B
Thallium	ND		7.2	NR	mg/kg dry	1.00	04/27/10 16:33	DAN	10D2529	6010B
Vanadium	21.8		0.602	NR	mg/kg dry	1.00	04/27/10 16:33	DAN	10D2529	6010B
Zinc	47.0		2.4	NR	mg/kg dry	1.00	04/27/10 16:33	DAN	10D2529	6010B
Mercury	ND		0.0236	NR	mg/kg dry	1.00	04/28/10 18:33	MXM	10D2457	7471A
<u>General Chemistry Parameters</u>										
Percent Solids	83		0.010	NR	%	1.00	04/27/10 09:14	JR	10D2483	Dry Weight

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTD1785

Project: Commerce Square: Site# E932141

Project Number: E932141

Received: 04/23/10

Reported: 05/04/10 14:38

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTD1785-01RE1 (GPO-3 6-8 - Solid)						Sampled: 04/20/10 15:20		Recvd: 04/23/10 15:00		
<u>Volatile Organic Compounds by EPA 8260B</u>										
Xylenes, total	860	D08	59	4.9	ug/kg dry	1.00	04/28/10 23:35	PQ	10D2669	8260B
1,2-Dichloroethane-d4	115 %	D08	Surr Limits: (64-126%)				04/28/10 23:35	PQ	10D2669	8260B
4-Bromofluorobenzene	114 %	D08	Surr Limits: (72-126%)				04/28/10 23:35	PQ	10D2669	8260B
Toluene-d8	117 %	D08	Surr Limits: (71-125%)				04/28/10 23:35	PQ	10D2669	8260B

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTD1785

Project: Commerce Square: Site# E932141

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Received: 04/23/10

Reported: 05/04/10 14:38

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTD1785-02 (GPO-3 10-12 - Solid)						Sampled: 04/20/10 15:50		Recvd: 04/23/10 15:00		
<u>Volatile Organic Compounds by EPA 8260B</u>										
1,1,1-Trichloroethane	ND		5.5	0.40	ug/kg dry	1.00	04/27/10 05:32	CDC	10D2515	8260B
1,1,2,2-Tetrachloroethane	ND		5.5	0.89	ug/kg dry	1.00	04/27/10 05:32	CDC	10D2515	8260B
1,1,2-Trichloroethane	ND		5.5	0.71	ug/kg dry	1.00	04/27/10 05:32	CDC	10D2515	8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.5	1.3	ug/kg dry	1.00	04/27/10 05:32	CDC	10D2515	8260B
1,1-Dichloroethane	ND		5.5	0.67	ug/kg dry	1.00	04/27/10 05:32	CDC	10D2515	8260B
1,1-Dichloroethene	ND		5.5	0.67	ug/kg dry	1.00	04/27/10 05:32	CDC	10D2515	8260B
1,2,4-Trichlorobenzene	ND		5.5	0.33	ug/kg dry	1.00	04/27/10 05:32	CDC	10D2515	8260B
1,2-Dibromo-3-chloropropane	ND		5.5	2.7	ug/kg dry	1.00	04/27/10 05:32	CDC	10D2515	8260B
1,2-Dibromoethane	ND		5.5	0.71	ug/kg dry	1.00	04/27/10 05:32	CDC	10D2515	8260B
1,2-Dichlorobenzene	ND		5.5	0.43	ug/kg dry	1.00	04/27/10 05:32	CDC	10D2515	8260B
1,2-Dichloroethane	ND		5.5	0.28	ug/kg dry	1.00	04/27/10 05:32	CDC	10D2515	8260B
1,2-Dichloropropane	ND		5.5	2.7	ug/kg dry	1.00	04/27/10 05:32	CDC	10D2515	8260B
1,3-Dichlorobenzene	ND		5.5	0.28	ug/kg dry	1.00	04/27/10 05:32	CDC	10D2515	8260B
1,4-Dichlorobenzene	ND		5.5	0.77	ug/kg dry	1.00	04/27/10 05:32	CDC	10D2515	8260B
2-Butanone	180		27	2.0	ug/kg dry	1.00	04/27/10 05:32	CDC	10D2515	8260B
2-Hexanone	6.1	J	27	2.7	ug/kg dry	1.00	04/27/10 05:32	CDC	10D2515	8260B
4-Methyl-2-pentanone	6.6	J	27	1.8	ug/kg dry	1.00	04/27/10 05:32	CDC	10D2515	8260B
Acetone	300		27	4.6	ug/kg dry	1.00	04/27/10 05:32	CDC	10D2515	8260B
Benzene	200		5.5	0.27	ug/kg dry	1.00	04/27/10 05:32	CDC	10D2515	8260B
Bromodichloromethane	ND		5.5	0.74	ug/kg dry	1.00	04/27/10 05:32	CDC	10D2515	8260B
Bromoform	ND		5.5	2.7	ug/kg dry	1.00	04/27/10 05:32	CDC	10D2515	8260B
Bromomethane	ND		5.5	0.49	ug/kg dry	1.00	04/27/10 05:32	CDC	10D2515	8260B
Carbon disulfide	ND		5.5	2.7	ug/kg dry	1.00	04/27/10 05:32	CDC	10D2515	8260B
Carbon Tetrachloride	ND		5.5	0.53	ug/kg dry	1.00	04/27/10 05:32	CDC	10D2515	8260B
Chlorobenzene	ND		5.5	0.72	ug/kg dry	1.00	04/27/10 05:32	CDC	10D2515	8260B
Dibromochloromethane	ND		5.5	0.70	ug/kg dry	1.00	04/27/10 05:32	CDC	10D2515	8260B
Chloroethane	ND		5.5	1.2	ug/kg dry	1.00	04/27/10 05:32	CDC	10D2515	8260B
Chloroform	ND		5.5	0.34	ug/kg dry	1.00	04/27/10 05:32	CDC	10D2515	8260B
Chloromethane	ND		5.5	0.33	ug/kg dry	1.00	04/27/10 05:32	CDC	10D2515	8260B
cis-1,2-Dichloroethene	42		5.5	0.70	ug/kg dry	1.00	04/27/10 05:32	CDC	10D2515	8260B
cis-1,3-Dichloropropene	ND		5.5	0.79	ug/kg dry	1.00	04/27/10 05:32	CDC	10D2515	8260B
Cyclohexane	110	B	5.5	0.77	ug/kg dry	1.00	04/27/10 05:32	CDC	10D2515	8260B
Dichlorodifluoromethane	ND		5.5	0.45	ug/kg dry	1.00	04/27/10 05:32	CDC	10D2515	8260B
Isopropylbenzene	33		5.5	0.83	ug/kg dry	1.00	04/27/10 05:32	CDC	10D2515	8260B
Methyl Acetate	ND		5.5	1.0	ug/kg dry	1.00	04/27/10 05:32	CDC	10D2515	8260B
Methyl-t-Butyl Ether (MTBE)	ND		5.5	0.54	ug/kg dry	1.00	04/27/10 05:32	CDC	10D2515	8260B
Methylcyclohexane	160		5.5	0.83	ug/kg dry	1.00	04/27/10 05:32	CDC	10D2515	8260B
Methylene Chloride	ND		5.5	2.5	ug/kg dry	1.00	04/27/10 05:32	CDC	10D2515	8260B
Styrene	ND		5.5	0.27	ug/kg dry	1.00	04/27/10 05:32	CDC	10D2515	8260B
Tetrachloroethene	ND		5.5	0.74	ug/kg dry	1.00	04/27/10 05:32	CDC	10D2515	8260B
trans-1,2-Dichloroethene	ND		5.5	0.57	ug/kg dry	1.00	04/27/10 05:32	CDC	10D2515	8260B
trans-1,3-Dichloropropene	ND		5.5	2.4	ug/kg dry	1.00	04/27/10 05:32	CDC	10D2515	8260B
Trichloroethene	ND		5.5	1.2	ug/kg dry	1.00	04/27/10 05:32	CDC	10D2515	8260B
Trichlorofluoromethane	ND		5.5	0.52	ug/kg dry	1.00	04/27/10 05:32	CDC	10D2515	8260B
Vinyl chloride	ND		5.5	0.67	ug/kg dry	1.00	04/27/10 05:32	CDC	10D2515	8260B
1,2-Dichloroethane-d4	105 %		Surr Limits: (64-126%)				04/27/10 05:32	CDC	10D2515	8260B
4-Bromofluorobenzene	116 %		Surr Limits: (72-126%)				04/27/10 05:32	CDC	10D2515	8260B

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New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTD1785

Project: Commerce Square: Site# E932141

Project Number: E932141

Received: 04/23/10

Reported: 05/04/10 14:38

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTD1785-02 (GPO-3 10-12 - Solid) - cont.						Sampled: 04/20/10 15:50		Recvd: 04/23/10 15:00		
<u>Volatile Organic Compounds by EPA 8260B - cont.</u>										
Toluene-d8	121 %		Surr Limits: (71-125%)				04/27/10 05:32	CDC	10D2515	8260B
<u>Semivolatile Organics by GC/MS</u>										
2,4,5-Trichlorophenol	ND	D10	1900	410	ug/kg dry	10.0	04/30/10 04:37	MKP	10D2484	8270C
2,4,6-Trichlorophenol	ND	D10	1900	120	ug/kg dry	10.0	04/30/10 04:37	MKP	10D2484	8270C
2,4-Dichlorophenol	ND	D10	1900	98	ug/kg dry	10.0	04/30/10 04:37	MKP	10D2484	8270C
2,4-Dimethylphenol	ND	D10	1900	500	ug/kg dry	10.0	04/30/10 04:37	MKP	10D2484	8270C
2,4-Dinitrophenol	ND	D10	3600	650	ug/kg dry	10.0	04/30/10 04:37	MKP	10D2484	8270C
2,4-Dinitrotoluene	ND	D10	1900	290	ug/kg dry	10.0	04/30/10 04:37	MKP	10D2484	8270C
2,6-Dinitrotoluene	ND	D10	1900	460	ug/kg dry	10.0	04/30/10 04:37	MKP	10D2484	8270C
2-Chloronaphthalene	ND	D10	1900	130	ug/kg dry	10.0	04/30/10 04:37	MKP	10D2484	8270C
2-Chlorophenol	ND	D10	1900	95	ug/kg dry	10.0	04/30/10 04:37	MKP	10D2484	8270C
2-Methylnaphthalene	ND	D10	1900	23	ug/kg dry	10.0	04/30/10 04:37	MKP	10D2484	8270C
2-Methylphenol	ND	D10	1900	57	ug/kg dry	10.0	04/30/10 04:37	MKP	10D2484	8270C
2-Nitroaniline	ND	D10	3600	600	ug/kg dry	10.0	04/30/10 04:37	MKP	10D2484	8270C
2-Nitrophenol	ND	D10	1900	85	ug/kg dry	10.0	04/30/10 04:37	MKP	10D2484	8270C
3,3'-Dichlorobenzidine	ND	D10	1900	1600	ug/kg dry	10.0	04/30/10 04:37	MKP	10D2484	8270C
3-Nitroaniline	ND	D10	3600	430	ug/kg dry	10.0	04/30/10 04:37	MKP	10D2484	8270C
4,6-Dinitro-2-methylphenol	ND	D10	3600	640	ug/kg dry	10.0	04/30/10 04:37	MKP	10D2484	8270C
4-Bromophenyl phenyl ether	ND	D10	1900	590	ug/kg dry	10.0	04/30/10 04:37	MKP	10D2484	8270C
4-Chloro-3-methylphenol	ND	D10	1900	77	ug/kg dry	10.0	04/30/10 04:37	MKP	10D2484	8270C
4-Chloroaniline	ND	D10	1900	550	ug/kg dry	10.0	04/30/10 04:37	MKP	10D2484	8270C
4-Chlorophenyl phenyl ether	ND	D10	1900	40	ug/kg dry	10.0	04/30/10 04:37	MKP	10D2484	8270C
4-Methylphenol	ND	D10	3600	100	ug/kg dry	10.0	04/30/10 04:37	MKP	10D2484	8270C
4-Nitroaniline	ND	D10	3600	210	ug/kg dry	10.0	04/30/10 04:37	MKP	10D2484	8270C
4-Nitrophenol	ND	D10	3600	450	ug/kg dry	10.0	04/30/10 04:37	MKP	10D2484	8270C
Acenaphthene	ND	D10	1900	22	ug/kg dry	10.0	04/30/10 04:37	MKP	10D2484	8270C
Acenaphthylene	ND	D10	1900	15	ug/kg dry	10.0	04/30/10 04:37	MKP	10D2484	8270C
Acetophenone	ND	D10	1900	96	ug/kg dry	10.0	04/30/10 04:37	MKP	10D2484	8270C
Anthracene	ND	D10	1900	48	ug/kg dry	10.0	04/30/10 04:37	MKP	10D2484	8270C
Atrazine	ND	D10	1900	83	ug/kg dry	10.0	04/30/10 04:37	MKP	10D2484	8270C
Benzaldehyde	ND	D10	1900	200	ug/kg dry	10.0	04/30/10 04:37	MKP	10D2484	8270C
Benzo(a)anthracene	ND	D10	1900	32	ug/kg dry	10.0	04/30/10 04:37	MKP	10D2484	8270C
Benzo(a)pyrene	ND	D10	1900	45	ug/kg dry	10.0	04/30/10 04:37	MKP	10D2484	8270C
Benzo(b)fluoranthene	ND	D10	1900	36	ug/kg dry	10.0	04/30/10 04:37	MKP	10D2484	8270C
Benzo(ghi)perylene	ND	D10	1900	22	ug/kg dry	10.0	04/30/10 04:37	MKP	10D2484	8270C
Benzo(k)fluoranthene	ND	D10	1900	21	ug/kg dry	10.0	04/30/10 04:37	MKP	10D2484	8270C
Biphenyl	ND	D10	1900	120	ug/kg dry	10.0	04/30/10 04:37	MKP	10D2484	8270C
Bis(2-chloroethoxy)methane	ND	D10	1900	100	ug/kg dry	10.0	04/30/10 04:37	MKP	10D2484	8270C
Bis(2-chloroethyl)ether	ND	D10	1900	160	ug/kg dry	10.0	04/30/10 04:37	MKP	10D2484	8270C
2,2'-Oxybis(1-Chloropropylane)	ND	D10	1900	190	ug/kg dry	10.0	04/30/10 04:37	MKP	10D2484	8270C
Bis(2-ethylhexyl)phthalate	ND	D10	1900	600	ug/kg dry	10.0	04/30/10 04:37	MKP	10D2484	8270C
Butyl benzyl phthalate	ND	D10	1900	500	ug/kg dry	10.0	04/30/10 04:37	MKP	10D2484	8270C
Caprolactam	ND	D10	1900	810	ug/kg dry	10.0	04/30/10 04:37	MKP	10D2484	8270C
Carbazole	ND	D10	1900	22	ug/kg dry	10.0	04/30/10 04:37	MKP	10D2484	8270C
Chrysene	ND	D10	1900	19	ug/kg dry	10.0	04/30/10 04:37	MKP	10D2484	8270C

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New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTD1785

Project: Commerce Square: Site# E932141

Project Number: E932141

Received: 04/23/10

Reported: 05/04/10 14:38

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
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Sample ID: RTD1785-02 (GPO-3 10-12 - Solid) - cont.

Sampled: 04/20/10 15:50

Recvd: 04/23/10 15:00

Semivolatile Organics by GC/MS - cont.

Dibenzo(a,h)anthracene	ND	D10	1900	22	ug/kg dry	10.0	04/30/10 04:37	MKP	10D2484	8270C
Dibenzofuran	ND	D10	1900	19	ug/kg dry	10.0	04/30/10 04:37	MKP	10D2484	8270C
Diethyl phthalate	ND	D10	1900	56	ug/kg dry	10.0	04/30/10 04:37	MKP	10D2484	8270C
Dimethyl phthalate	ND	D10	1900	49	ug/kg dry	10.0	04/30/10 04:37	MKP	10D2484	8270C
Di-n-butyl phthalate	ND	D10	1900	640	ug/kg dry	10.0	04/30/10 04:37	MKP	10D2484	8270C
Di-n-octyl phthalate	ND	D10	1900	44	ug/kg dry	10.0	04/30/10 04:37	MKP	10D2484	8270C
Fluoranthene	ND	D10	1900	27	ug/kg dry	10.0	04/30/10 04:37	MKP	10D2484	8270C
Fluorene	ND	D10	1900	43	ug/kg dry	10.0	04/30/10 04:37	MKP	10D2484	8270C
Hexachlorobenzene	ND	D10	1900	93	ug/kg dry	10.0	04/30/10 04:37	MKP	10D2484	8270C
Hexachlorobutadiene	ND	D10	1900	95	ug/kg dry	10.0	04/30/10 04:37	MKP	10D2484	8270C
Hexachlorocyclopentadiene	ND	D10	1900	560	ug/kg dry	10.0	04/30/10 04:37	MKP	10D2484	8270C
Hexachloroethane	ND	D10	1900	140	ug/kg dry	10.0	04/30/10 04:37	MKP	10D2484	8270C
Indeno(1,2,3-cd)pyrene	ND	D10	1900	52	ug/kg dry	10.0	04/30/10 04:37	MKP	10D2484	8270C
Isophorone	ND	D10	1900	93	ug/kg dry	10.0	04/30/10 04:37	MKP	10D2484	8270C
Naphthalene	ND	D10	1900	31	ug/kg dry	10.0	04/30/10 04:37	MKP	10D2484	8270C
Nitrobenzene	ND	D10	1900	83	ug/kg dry	10.0	04/30/10 04:37	MKP	10D2484	8270C
N-Nitrosodi-n-propylamine	ND	D10	1900	150	ug/kg dry	10.0	04/30/10 04:37	MKP	10D2484	8270C
N-Nitrosodiphenylamine	ND	D10	1900	100	ug/kg dry	10.0	04/30/10 04:37	MKP	10D2484	8270C
Pentachlorophenol	ND	D10	3600	640	ug/kg dry	10.0	04/30/10 04:37	MKP	10D2484	8270C
Phenanthrene	ND	D10	1900	39	ug/kg dry	10.0	04/30/10 04:37	MKP	10D2484	8270C
Phenol	ND	D10	1900	200	ug/kg dry	10.0	04/30/10 04:37	MKP	10D2484	8270C
Pyrene	ND	D10	1900	12	ug/kg dry	10.0	04/30/10 04:37	MKP	10D2484	8270C

2,4,6-Tribromophenol	82 %	D10	Surr Limits: (39-146%)				04/30/10 04:37	MKP	10D2484	8270C
2-Fluorobiphenyl	93 %	D10	Surr Limits: (37-120%)				04/30/10 04:37	MKP	10D2484	8270C
2-Fluorophenol	65 %	D10	Surr Limits: (18-120%)				04/30/10 04:37	MKP	10D2484	8270C
Nitrobenzene-d5	66 %	D10	Surr Limits: (34-132%)				04/30/10 04:37	MKP	10D2484	8270C
Phenol-d5	73 %	D10	Surr Limits: (11-120%)				04/30/10 04:37	MKP	10D2484	8270C
p-Terphenyl-d14	83 %	D10	Surr Limits: (58-147%)				04/30/10 04:37	MKP	10D2484	8270C

Polychlorinated Biphenyls by EPA Method 8082

Aroclor 1016 [2C]	ND	QSU	18	3.6	ug/kg dry	1.00	05/02/10 18:58	JxM	10D2828	8082
Aroclor 1221 [2C]	ND	QSU	18	3.6	ug/kg dry	1.00	05/02/10 18:58	JxM	10D2828	8082
Aroclor 1232 [2C]	ND	QSU	18	3.6	ug/kg dry	1.00	05/02/10 18:58	JxM	10D2828	8082
Aroclor 1242 [2C]	ND	QSU	18	4.0	ug/kg dry	1.00	05/02/10 18:58	JxM	10D2828	8082
Aroclor 1248 [2C]	ND	QSU	18	3.6	ug/kg dry	1.00	05/02/10 18:58	JxM	10D2828	8082
Aroclor 1254 [2C]	ND	QSU	18	3.9	ug/kg dry	1.00	05/02/10 18:58	JxM	10D2828	8082
Aroclor 1260 [2C]	ND	QSU	18	8.6	ug/kg dry	1.00	05/02/10 18:58	JxM	10D2828	8082

Decachlorobiphenyl [2C]	79 %	QSU	Surr Limits: (34-148%)				05/02/10 18:58	JxM	10D2828	8082
Tetrachloro-m-xylene [2C]	90 %	QSU	Surr Limits: (35-134%)				05/02/10 18:58	JxM	10D2828	8082

Total Metals by SW 846 Series Methods

Aluminum	5330		10.8	NR	mg/kg dry	1.00	04/27/10 16:38	DAN	10D2529	6010B
Antimony	ND		16.3	NR	mg/kg dry	1.00	04/27/10 16:38	DAN	10D2529	6010B
Arsenic	ND		2.2	NR	mg/kg dry	1.00	04/27/10 16:38	DAN	10D2529	6010B
Barium	44.2		0.542	NR	mg/kg dry	1.00	04/27/10 16:38	DAN	10D2529	6010B
Beryllium	0.260		0.217	NR	mg/kg dry	1.00	04/27/10 16:38	DAN	10D2529	6010B
Cadmium	ND		0.217	NR	mg/kg dry	1.00	04/27/10 16:38	DAN	10D2529	6010B

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New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTD1785

Project: Commerce Square: Site# E932141

Project Number: E932141

Received: 04/23/10

Reported: 05/04/10 14:38

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
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Sample ID: RTD1785-02 (GPO-3 10-12 - Solid) - cont.

Sampled: 04/20/10 15:50

Recvd: 04/23/10 15:00

Total Metals by SW 846 Series Methods - cont.

Calcium	54200		54.2	NR	mg/kg dry	1.00	04/27/10 16:38	DAN	10D2529	6010B
Chromium	8.10		0.542	NR	mg/kg dry	1.00	04/27/10 16:38	DAN	10D2529	6010B
Cobalt	4.57		0.542	NR	mg/kg dry	1.00	04/27/10 16:38	DAN	10D2529	6010B
Copper	9.8		1.1	NR	mg/kg dry	1.00	04/27/10 16:38	DAN	10D2529	6010B
Iron	9870		10.8	NR	mg/kg dry	1.00	04/27/10 16:38	DAN	10D2529	6010B
Lead	5.1		1.1	NR	mg/kg dry	1.00	04/27/10 16:38	DAN	10D2529	6010B
Magnesium	10700		21.7	NR	mg/kg dry	1.00	04/27/10 16:38	DAN	10D2529	6010B
Manganese	420		0.2	NR	mg/kg dry	1.00	04/27/10 16:38	DAN	10D2529	6010B
Nickel	9.47		5.42	NR	mg/kg dry	1.00	04/27/10 16:38	DAN	10D2529	6010B
Potassium	1100		32.5	NR	mg/kg dry	1.00	04/27/10 16:38	DAN	10D2529	6010B
Selenium	ND		4.3	NR	mg/kg dry	1.00	04/27/10 16:38	DAN	10D2529	6010B
Silver	ND		0.542	NR	mg/kg dry	1.00	04/27/10 16:38	DAN	10D2529	6010B
Sodium	257		152	NR	mg/kg dry	1.00	04/27/10 16:38	DAN	10D2529	6010B
Thallium	ND		6.5	NR	mg/kg dry	1.00	04/27/10 16:38	DAN	10D2529	6010B
Vanadium	11.9		0.542	NR	mg/kg dry	1.00	04/27/10 16:38	DAN	10D2529	6010B
Zinc	32.6		2.2	NR	mg/kg dry	1.00	04/27/10 16:38	DAN	10D2529	6010B
Mercury	0.0365		0.0224	NR	mg/kg dry	1.00	04/28/10 18:34	MXM	10D2457	7471A

General Chemistry Parameters

Percent Solids	89		0.010	NR	%	1.00	04/27/10 09:16	JR	10D2483	Dry Weight
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Reported: 05/04/10 14:38

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTD1785-02RE1 (GPO-3 10-12 - Solid)						Sampled: 04/20/10 15:50		Recvd: 04/23/10 15:00		
<u>Volatile Organic Compounds by EPA 8260B</u>										
Ethylbenzene	160	D08	28	1.9	ug/kg dry	1.00	04/29/10 00:00	PQ	10D2669	8260B
Toluene	290	D08	28	2.1	ug/kg dry	1.00	04/29/10 00:00	PQ	10D2669	8260B
Xylenes, total	420	D08	56	4.7	ug/kg dry	1.00	04/29/10 00:00	PQ	10D2669	8260B
1,2-Dichloroethane-d4	113 %	D08	Surr Limits: (64-126%)				04/29/10 00:00	PQ	10D2669	8260B
4-Bromofluorobenzene	114 %	D08	Surr Limits: (72-126%)				04/29/10 00:00	PQ	10D2669	8260B
Toluene-d8	118 %	D08	Surr Limits: (71-125%)				04/29/10 00:00	PQ	10D2669	8260B

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Received: 04/23/10

Reported: 05/04/10 14:38

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTD1785-03 (DRUMS SOIL - Solid)						Sampled: 04/23/10 14:00		Recvd: 04/23/10 15:00		
<u>TCLP Volatile Organic Compounds by EPA Method 8021</u>										
Benzene	ND	D07	5.0	0.57	ug/L	5.00	04/28/10 11:57	DGB	10D2642	8021B TCLP
<i>a,a,a-Trifluorotoluene</i>	96 %	<i>D07</i>	<i>Surr Limits: (66-141%)</i>				<i>04/28/10 11:57</i>	<i>DGB</i>	<i>10D2642</i>	<i>8021B TCLP</i>
<u>TCLP Metals</u>										
Lead	ND	BT	0.0050	NR	mg/L	1.00	04/27/10 22:54	DAN	10D2564	6010B TCLP
<u>General Chemistry Parameters</u>										
Flashpoint	>176		50.0	NR	°F	1.00	04/24/10 15:00	RJP	10D2375	1010

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Project: Commerce Square: Site# E932141

Project Number: E932141

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Reported: 05/04/10 14:38

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracte	Units	Extract Volume	Units	Date Prepared	Lab Tech	Extraction Method
General Chemistry Parameters									
1010	10D2375	RTD1785-03	50.00	g	50.00	mL	04/24/10 15:00	RJP	No Prep Flashpoint
Dry Weight	10D2483	RTD1785-01	10.00	g	10.00	g	04/26/10 14:17	KMB	Dry Weight
Dry Weight	10D2483	RTD1785-02	10.00	g	10.00	g	04/26/10 14:17	KMB	Dry Weight
Polychlorinated Biphenyls by EPA Method 8082									
8082	10D2828	RTD1785-02	30.54	g	10.00	mL	04/30/10 08:00	CXM	3550B GC
8082	10D2828	RTD1785-01	30.61	g	10.00	mL	04/30/10 08:00	CXM	3550B GC
Semivolatile Organics by GC/MS									
8270C	10D2484	RTD1785-01	30.07	g	1.00	mL	04/27/10 08:00	CXM	3550B MB
8270C	10D2484	RTD1785-02	30.43	g	1.00	mL	04/27/10 08:00	CXM	3550B MB
TCLP Metals									
6010B TCLP	10D2564	RTD1785-03	50.00	mL	50.00	mL	04/27/10 13:55	KCW	3010A
TCLP Volatile Organic Compounds by EPA Method 8021									
8021B TCLP	10D2642	RTD1785-03	5.00	mL	5.00	mL	04/28/10 08:21	DGB	5030 GC TCLP
Total Metals by SW 846 Series Methods									
6010B	10D2529	RTD1785-01	0.50	g	50.00	mL	04/27/10 09:50	JRK	3050B
6010B	10D2529	RTD1785-02	0.52	g	50.00	mL	04/27/10 09:50	JRK	3050B
7471A	10D2457	RTD1785-02	0.60	g	50.00	mL	04/28/10 13:45	MXM	7471A_
7471A	10D2457	RTD1785-01	0.62	g	50.00	mL	04/28/10 13:45	MXM	7471A_
Volatile Organic Compounds by EPA 8260B									
8260B	10D2515	RTD1785-02	5.10	g	5.00	mL	04/26/10 20:30	CDC	5030B MS
8260B	10D2515	RTD1785-01	5.13	g	5.00	mL	04/26/10 20:30	CDC	5030B MS
8260B	10D2669	RTD1785-02RE	1.00	g	5.00	mL	04/28/10 13:03	PJQ	5030B MS
8260B	10D2669	RTD1785-01RE	1.03	g	5.00	mL	04/28/10 13:03	PJQ	5030B MS

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

171667

TAL-4124 (10/07)

Client

Address NYSDEC Reg 9

Project Manager

J. Konecny / T. Brown

Date

4/20/10

Chain of Custody Number

166326

City

Buffalo

State

NY

Zip Code

Site Contact

T. Brown

Laboratory

B. Fisher

Client/Project Number

716.851.7220

Analysis (Attach list if more space is needed)

Page 1 of 1

Project Name and Location (State)
Connecticut, NY

Contract/Purchase Order Number

Sample ID, No. and Description
(Containers for each sample may be combined on one line)

Sample ID, No. and Description	Date	Time	As	Analysis	Containers & Preservatives	Analysis (Attach list if more space is needed)	Special Instructions/Conditions of Receipt
<u>GPD-3 6-8</u>	<u>4/20/10</u>	<u>1520</u>	<u>AS</u>	<u>AS</u>	<u>Unpres</u>	<u>4260</u>	
<u>GPD-3 10-12</u>	<u>4/20/10</u>	<u>1550</u>	<u>AS</u>	<u>AS</u>	<u>Unpres</u>	<u>4270</u>	
<u>DRUMS SOLC</u>	<u>4/23/10</u>	<u>1400</u>	<u>AS</u>	<u>AS</u>	<u>Unpres</u>	<u>6010</u>	

Possible Hazard Identification

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Fusion B ☒ Unknown

Sample Disposal

☐ Return to Client ☒ Disposed By Lab ☐ Action For

QC Requirements (Specify)

(A fee may be assessed if samples are retained longer than 1 month)

1. Requested By

Mike Brown

Date

4/23/10

Time

1400

1. Received By

Ken Miller

Date

4/23/10

Time

1500

2. Requested By

Mike Brown

Date

4/23/10

Time

1500

2. Received By

Ken Miller

Date

4/23/10

Time

1500

3. Requested By

Date

Time

3. Received By

Date

Time

Comments

DISTRIBUTION: WHITE - Returned to Client with Report. CANADIAN - Stays with the Sample. PINK - Field Copy

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Appendix E

Analytical Report

Work Order: RTE1137

Project Description

Commerce Square: Site# E932141

For:

Jeffrey Konsella

New York State D.E.C. - Buffalo, NY

270 Michigan Avenue

Buffalo, NY 14203



Brian Fischer

Project Manager

Brian.Fischer@testamericainc.com

Tuesday, June 8, 2010

The test results in this report meet all NELAP requirements for analytes for which accreditation is required or available. Any exception to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this test report should be directed to the TestAmerica Project manager who has signed this report.

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTE1137

Project: Commerce Square: Site# E932141
Project Number: E932141

Received: 05/21/10
Reported: 06/08/10 08:32

TestAmerica Buffalo Current Certifications

As of 04/16/2010

STATE	Program	Cert # / Lab ID
Arkansas	CWA, RCRA, SOIL	88-0686
California*	NELAP CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida*	NELAP CWA, RCRA	E87672
Georgia*	SDWA, NELAP CWA, RCRA	956
Illinois*	NELAP SDWA, CWA, RCRA	200003
Iowa	SW/CS	374
Kansas*	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana*	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY0044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	SDWA, CWA, RCRA	036-999-337
New Hampshire*	NELAP SDWA, CWA	233701
New Jersey*	NELAP, SDWA, CWA, RCRA,	NY455
New York*	NELAP, AIR, SDWA, CWA, RCRA, CLP	10026
North Dakota	CWA, RCRA	R-176
Oklahoma	CWA, RCRA	9421
Pennsylvania*	NELAP CWA, RCRA	68-00281
Tennessee	SDWA	02970
Texas*	NELAP CWA, RCRA	T104704412-08-TX
USDA	FOREIGN SOIL PERMIT	S-41579
Virginia	SDWA	278
Washington*	NELAP CWA, RCRA	C1677
Wisconsin	CWA, RCRA	998310390
West Virginia	CWA, RCRA	252

*As required under the indicated accreditation, the test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report.

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Received: 05/21/10
Reported: 06/08/10 08:32

CASE NARRATIVE

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. field-pH), they were not analyzed immediately, but as soon as possible after laboratory receipt.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverables has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.



Brian Fischer
Project Manager

Tuesday, June 8, 2010

A pertinent document is appended to this report, 1 page, is included and is an integral part of this report.

Reproduction of this analytical report is permitted only in its entirety. This report shall not be reproduced except in full without the written approval of the laboratory.

TestAmerica Laboratories, Inc. certifies that the analytical results contained herein apply only to the samples tested as received by our Laboratory.

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
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Work Order: RTE1137

Project: Commerce Square: Site# E932141
Project Number: E932141

Received: 05/21/10
Reported: 06/08/10 08:32

DATA QUALIFIERS AND DEFINITIONS

B	Analyte was detected in the associated Method Blank.
D08	Dilution required due to high concentration of target analyte(s)
H4	Sample was extracted past holding time, but analyzed within analysis holding time.
J	Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL). Concentrations within this range are estimated.
L4	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was below the acceptance limits. A low bias to sample results is indicated.
QSU	Sulfur (EPA 3660) clean-up performed on extract.
Z6	Surrogate recovery was below acceptance limits.
NR	Any inclusion of NR indicates that the project specific requirements do not require reporting estimated values below the laboratory reporting limit.

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Reported: 06/08/10 08:32

Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTE1137-01 (BR-1 - Water)					Sampled: 05/21/10 11:40			Recvd: 05/21/10 16:30		
<u>Volatile Organic Compounds by EPA 8260B</u>										
Acetone	5.6		5.0	3.0	ug/L	1.00	05/27/10 15:13	DHC	10E2196	8260B
Chloroform	0.81	J	1.0	0.34	ug/L	1.00	05/27/10 15:13	DHC	10E2196	8260B
Methyl-t-Butyl Ether (MTBE)	0.73	J	1.0	0.16	ug/L	1.00	05/27/10 15:13	DHC	10E2196	8260B
<u>Semivolatile Organics by GC/MS</u>										
Acetophenone	0.63	J	5.6	0.61	ug/L	1.00	06/01/10 23:23	JLG	10E1815	8270C
Bis(2-ethylhexyl) phthalate	3.4	J	5.6	2.0	ug/L	1.00	06/01/10 23:23	JLG	10E1815	8270C
Di-n-butyl phthalate	0.39	J, B	5.6	0.35	ug/L	1.00	06/01/10 23:23	JLG	10E1815	8270C
Naphthalene	0.87	J	5.6	0.85	ug/L	1.00	06/01/10 23:23	JLG	10E1815	8270C
<u>Total Metals by SW 846 Series Methods</u>										
Aluminum	0.645		0.200	NR	mg/L	1.00	05/25/10 06:17	DAN	10E1866	6010B
Barium	2.44		0.0020	NR	mg/L	1.00	05/25/10 06:17	DAN	10E1866	6010B
Calcium	445		0.5	NR	mg/L	1.00	05/25/10 06:17	DAN	10E1866	6010B
Iron	0.878		0.050	NR	mg/L	1.00	05/25/10 06:17	DAN	10E1866	6010B
Magnesium	20.5		0.200	NR	mg/L	1.00	05/25/10 06:17	DAN	10E1866	6010B
Manganese	0.0412		0.0030	NR	mg/L	1.00	05/25/10 06:17	DAN	10E1866	6010B
Potassium	31.6		0.500	NR	mg/L	1.00	05/25/10 06:17	DAN	10E1866	6010B
Sodium	84.0		1.0	NR	mg/L	1.00	05/25/10 06:17	DAN	10E1866	6010B
Zinc	0.0103		0.0100	NR	mg/L	1.00	05/25/10 06:17	DAN	10E1866	6010B

Sample ID: RTE1137-01RE1 (BR-1 - Water)

Sampled: 05/21/10 11:40

Recvd: 05/21/10 16:30

Semivolatile Organics by GC/MS

Acetophenone	0.90	H4,J	4.8	0.52	ug/L	1.00	06/04/10 21:17	JLG	10F0222	8270C
Bis(2-ethylhexyl) phthalate	3.0	H4,J	4.8	1.7	ug/L	1.00	06/04/10 21:17	JLG	10F0222	8270C
Naphthalene	1.5	H4,J	4.8	0.73	ug/L	1.00	06/04/10 21:17	JLG	10F0222	8270C

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Project: Commerce Square: Site# E932141

Project Number: E932141

Received: 05/21/10

Reported: 06/08/10 08:32

Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method	
Sample ID: RTE1137-02 (BR-2 - Water)						Sampled: 05/21/10 12:30		Recvd: 05/21/10 16:30			
<u>Volatile Organic Compounds by EPA 8260B</u>											
Acetone	7.8	J	5.0	3.0	ug/L	1.00	05/27/10 15:38	DHC	10E2196	8260B	
Benzene	78		1.0	0.41	ug/L	1.00	05/27/10 15:38	DHC	10E2196	8260B	
Bromodichloromethane	0.74		1.0	0.39	ug/L	1.00	05/27/10 15:38	DHC	10E2196	8260B	
Chloroform	14		1.0	0.34	ug/L	1.00	05/27/10 15:38	DHC	10E2196	8260B	
Cyclohexane	1.5		1.0	0.18	ug/L	1.00	05/27/10 15:38	DHC	10E2196	8260B	
Ethylbenzene	1.2	J, B	1.0	0.74	ug/L	1.00	05/27/10 15:38	DHC	10E2196	8260B	
Methylcyclohexane	1.0		1.0	0.16	ug/L	1.00	05/27/10 15:38	DHC	10E2196	8260B	
Methylene Chloride	0.51		1.0	0.44	ug/L	1.00	05/27/10 15:38	DHC	10E2196	8260B	
Tetrachloroethene	0.91		J	1.0	0.36	ug/L	1.00	05/27/10 15:38	DHC	10E2196	8260B
Toluene	2.2		1.0	0.51	ug/L	1.00	05/27/10 15:38	DHC	10E2196	8260B	
trans-1,2-Dichloroethene	16		1.0	0.90	ug/L	1.00	05/27/10 15:38	DHC	10E2196	8260B	
Vinyl chloride	25		1.0	0.90	ug/L	1.00	05/27/10 15:38	DHC	10E2196	8260B	
<u>Semivolatile Organics by GC/MS</u>											
Bis(2-ethylhexyl) phthalate	3.0	J	4.9	1.8	ug/L	1.00	05/29/10 16:11	JLG	10E1815	8270C	
Caprolactam	4.3	J	4.9	2.2	ug/L	1.00	05/29/10 16:11	JLG	10E1815	8270C	
Di-n-butyl phthalate	0.44	J, B	4.9	0.30	ug/L	1.00	05/29/10 16:11	JLG	10E1815	8270C	
<u>Total Metals by SW 846 Series Methods</u>											
Aluminum	2.24		0.200	NR	mg/L	1.00	05/25/10 06:22	DAN	10E1866	6010B	
Barium	0.0490		0.0020	NR	mg/L	1.00	05/25/10 06:22	DAN	10E1866	6010B	
Calcium	71.4		0.5	NR	mg/L	1.00	05/25/10 06:22	DAN	10E1866	6010B	
Chromium	0.0051		0.0040	NR	mg/L	1.00	05/25/10 06:22	DAN	10E1866	6010B	
Copper	0.0135		0.0100	NR	mg/L	1.00	05/25/10 06:22	DAN	10E1866	6010B	
Iron	6.26		0.050	NR	mg/L	1.00	05/25/10 06:22	DAN	10E1866	6010B	
Magnesium	3.41		0.200	NR	mg/L	1.00	05/25/10 06:22	DAN	10E1866	6010B	
Manganese	0.0852		0.0030	NR	mg/L	1.00	05/25/10 06:22	DAN	10E1866	6010B	
Potassium	8.02		0.500	NR	mg/L	1.00	05/25/10 06:22	DAN	10E1866	6010B	
Sodium	38.8		1.0	NR	mg/L	1.00	05/25/10 06:22	DAN	10E1866	6010B	
Vanadium	0.0083		0.0050	NR	mg/L	1.00	05/25/10 06:22	DAN	10E1866	6010B	
Zinc	0.0218		0.0100	NR	mg/L	1.00	05/25/10 06:22	DAN	10E1866	6010B	

Sample ID: RTE1137-02RE1 (BR-2 - Water)

Sampled: 05/21/10 12:30

Recvd: 05/21/10 16:30

Volatile Organic Compounds by EPA 8260B

cis-1,2-Dichloroethene	350	D08	4.0	3.2	ug/L	4.00	05/28/10 13:26	DHC	10E2324	8260B
Trichloroethene	130	D08	4.0	1.8	ug/L	4.00	05/28/10 13:26	DHC	10E2324	8260B

Semivolatile Organics by GC/MS

Bis(2-ethylhexyl) phthalate	2.0	H4,J	4.9	1.7	ug/L	1.00	06/04/10 21:39	JLG	10F0222	8270C
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New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTE1137

Project: Commerce Square: Site# E932141

Project Number: E932141

Received: 05/21/10

Reported: 06/08/10 08:32

Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTE1137-03 (BR-3 - Water)						Sampled: 05/21/10 13:30		Recvd: 05/21/10 16:30		
<u>Volatile Organic Compounds by EPA 8260B</u>										
1,1-Dichloroethane	3.2		1.0	0.38	ug/L	1.00	05/27/10 16:02	DHC	10E2196	8260B
1,1-Dichloroethene	3.3		1.0	0.29	ug/L	1.00	05/27/10 16:02	DHC	10E2196	8260B
Acetone	6.9		5.0	3.0	ug/L	1.00	05/27/10 16:02	DHC	10E2196	8260B
Benzene	41		1.0	0.41	ug/L	1.00	05/27/10 16:02	DHC	10E2196	8260B
Chloroform	1.2		1.0	0.34	ug/L	1.00	05/27/10 16:02	DHC	10E2196	8260B
Cyclohexane	2.1		1.0	0.18	ug/L	1.00	05/27/10 16:02	DHC	10E2196	8260B
Ethylbenzene	3.0		1.0	0.74	ug/L	1.00	05/27/10 16:02	DHC	10E2196	8260B
Methyl-t-Butyl Ether (MTBE)	0.70	J	1.0	0.16	ug/L	1.00	05/27/10 16:02	DHC	10E2196	8260B
Methylcyclohexane	3.0		1.0	0.16	ug/L	1.00	05/27/10 16:02	DHC	10E2196	8260B
Tetrachloroethene	91		1.0	0.36	ug/L	1.00	05/27/10 16:02	DHC	10E2196	8260B
Toluene	21		1.0	0.51	ug/L	1.00	05/27/10 16:02	DHC	10E2196	8260B
trans-1,2-Dichloroethene	26		1.0	0.90	ug/L	1.00	05/27/10 16:02	DHC	10E2196	8260B
Vinyl chloride	27		1.0	0.90	ug/L	1.00	05/27/10 16:02	DHC	10E2196	8260B
Xylenes, total	14		2.0	0.66	ug/L	1.00	05/27/10 16:02	DHC	10E2196	8260B
<u>Semivolatile Organics by GC/MS</u>										
Anthracene	0.66	J	4.9	0.27	ug/L	1.00	05/29/10 16:34	JLG	10E1815	8270C
Benzo(a)anthracene	1.8	J	4.9	0.35	ug/L	1.00	05/29/10 16:34	JLG	10E1815	8270C
Benzo(a)pyrene	1.7	J	4.9	0.46	ug/L	1.00	05/29/10 16:34	JLG	10E1815	8270C
Benzo(b)fluoranthene	1.8	J	4.9	0.33	ug/L	1.00	05/29/10 16:34	JLG	10E1815	8270C
Benzo(ghi)perylene	1.1	J	4.9	0.34	ug/L	1.00	05/29/10 16:34	JLG	10E1815	8270C
Benzo(k)fluoranthene	0.80	J	4.9	0.72	ug/L	1.00	05/29/10 16:34	JLG	10E1815	8270C
Carbazole	0.54	J	4.9	0.29	ug/L	1.00	05/29/10 16:34	JLG	10E1815	8270C
Chrysene	1.5	J	4.9	0.32	ug/L	1.00	05/29/10 16:34	JLG	10E1815	8270C
Diethyl phthalate	0.33	J	4.9	0.22	ug/L	1.00	05/29/10 16:34	JLG	10E1815	8270C
Di-n-butyl phthalate	0.30	J, B	4.9	0.30	ug/L	1.00	05/29/10 16:34	JLG	10E1815	8270C
Fluoranthene	4.4	J	4.9	0.39	ug/L	1.00	05/29/10 16:34	JLG	10E1815	8270C
Indeno(1,2,3-cd)pyrene	0.88	J	4.9	0.46	ug/L	1.00	05/29/10 16:34	JLG	10E1815	8270C
Phenanthrene	3.4	J	4.9	0.43	ug/L	1.00	05/29/10 16:34	JLG	10E1815	8270C
Pyrene	3.4	J	4.9	0.33	ug/L	1.00	05/29/10 16:34	JLG	10E1815	8270C
<u>Total Metals by SW 846 Series Methods</u>										
Aluminum	2.69		0.200	NR	mg/L	1.00	05/25/10 06:26	DAN	10E1866	6010B
Arsenic	0.0109		0.0100	NR	mg/L	1.00	05/25/10 06:26	DAN	10E1866	6010B
Barium	0.125		0.0020	NR	mg/L	1.00	05/25/10 06:26	DAN	10E1866	6010B
Calcium	216		0.5	NR	mg/L	1.00	05/25/10 06:26	DAN	10E1866	6010B
Chromium	0.0135		0.0040	NR	mg/L	1.00	05/25/10 06:26	DAN	10E1866	6010B
Iron	3.49		0.050	NR	mg/L	1.00	05/25/10 06:26	DAN	10E1866	6010B
Lead	0.0053		0.0050	NR	mg/L	1.00	05/25/10 06:26	DAN	10E1866	6010B
Magnesium	49.2		0.200	NR	mg/L	1.00	05/25/10 06:26	DAN	10E1866	6010B
Manganese	0.166		0.0030	NR	mg/L	1.00	05/25/10 06:26	DAN	10E1866	6010B
Potassium	7.52		0.500	NR	mg/L	1.00	05/25/10 06:26	DAN	10E1866	6010B
Sodium	127		1.0	NR	mg/L	1.00	05/25/10 06:26	DAN	10E1866	6010B
Vanadium	0.0076		0.0050	NR	mg/L	1.00	05/25/10 06:26	DAN	10E1866	6010B
Zinc	0.0191		0.0100	NR	mg/L	1.00	05/25/10 06:26	DAN	10E1866	6010B
Sample ID: RTE1137-03RE1 (BR-3 - Water)					Sampled: 05/21/10 13:30			Recvd: 05/21/10 16:30		

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New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTE1137

Project: Commerce Square: Site# E932141
Project Number: E932141

Received: 05/21/10
Reported: 06/08/10 08:32

Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTE1137-03RE1 (BR-3 - Water) - cont.						Sampled: 05/21/10 13:30		Recvd: 05/21/10 16:30		
<u>Volatile Organic Compounds by EPA 8260B</u>										
cis-1,2-Dichloroethene	640	D08	80	65	ug/L	80.0	05/29/10 11:01	DHC	10E2433	8260B
Trichloroethene	3900	D08	80	37	ug/L	80.0	05/29/10 11:01	DHC	10E2433	8260B
<u>Semivolatile Organics by GC/MS</u>										
Benzo(a)anthracene	0.44	H4,J	4.9	0.35	ug/L	1.00	06/04/10 22:02	JLG	10F0222	8270C
Fluoranthene	0.64	H4,J	4.9	0.39	ug/L	1.00	06/04/10 22:02	JLG	10F0222	8270C
Phenanthrene	0.46	H4,J	4.9	0.43	ug/L	1.00	06/04/10 22:02	JLG	10F0222	8270C
Pyrene	0.57	H4,J	4.9	0.33	ug/L	1.00	06/04/10 22:02	JLG	10F0222	8270C

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Reported: 06/08/10 08:32

Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
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Sample ID: RTE1137-04 (BR-4 - Water)

Sampled: 05/21/10 14:20

Recvd: 05/21/10 16:30

Volatile Organic Compounds by EPA 8260B

1,1-Dichloroethane	3.0		1.0	0.38	ug/L	1.00	05/27/10 16:26	DHC	10E2196	8260B
1,1-Dichloroethene	4.6		1.0	0.29	ug/L	1.00	05/27/10 16:26	DHC	10E2196	8260B
Benzene	33		1.0	0.41	ug/L	1.00	05/27/10 16:26	DHC	10E2196	8260B
Tetrachloroethene	1.9		1.0	0.36	ug/L	1.00	05/27/10 16:26	DHC	10E2196	8260B
trans-1,2-Dichloroethene	89		1.0	0.90	ug/L	1.00	05/27/10 16:26	DHC	10E2196	8260B
Vinyl chloride	37		1.0	0.90	ug/L	1.00	05/27/10 16:26	DHC	10E2196	8260B

Semivolatile Organics by GC/MS

Bis(2-ethylhexyl) phthalate	3.1	J	6.8	2.4	ug/L	1.00	05/29/10 16:56	JLG	10E1815	8270C
Di-n-butyl phthalate	0.81	J, B	6.8	0.42	ug/L	1.00	05/29/10 16:56	JLG	10E1815	8270C

Total Metals by SW 846 Series Methods

Aluminum	13.6		0.200	NR	mg/L	1.00	05/25/10 06:31	DAN	10E1866	6010B
Arsenic	0.0125		0.0100	NR	mg/L	1.00	05/25/10 06:31	DAN	10E1866	6010B
Barium	0.165		0.0020	NR	mg/L	1.00	05/25/10 06:31	DAN	10E1866	6010B
Calcium	559		0.5	NR	mg/L	1.00	05/25/10 06:31	DAN	10E1866	6010B
Chromium	0.0160		0.0040	NR	mg/L	1.00	05/25/10 06:31	DAN	10E1866	6010B
Cobalt	0.0046		0.0040	NR	mg/L	1.00	05/25/10 06:31	DAN	10E1866	6010B
Copper	0.0282		0.0100	NR	mg/L	1.00	05/25/10 06:31	DAN	10E1866	6010B
Iron	20.3		0.050	NR	mg/L	1.00	05/25/10 06:31	DAN	10E1866	6010B
Lead	0.0250		0.0050	NR	mg/L	1.00	05/25/10 06:31	DAN	10E1866	6010B
Magnesium	93.1		0.200	NR	mg/L	1.00	05/25/10 06:31	DAN	10E1866	6010B
Manganese	0.598		0.0030	NR	mg/L	1.00	05/25/10 06:31	DAN	10E1866	6010B
Nickel	0.0232		0.0100	NR	mg/L	1.00	05/25/10 06:31	DAN	10E1866	6010B
Potassium	8.94		0.500	NR	mg/L	1.00	05/25/10 06:31	DAN	10E1866	6010B
Sodium	220		1.0	NR	mg/L	1.00	05/25/10 06:31	DAN	10E1866	6010B
Vanadium	0.0290		0.0050	NR	mg/L	1.00	05/25/10 06:31	DAN	10E1866	6010B
Zinc	0.411		0.0100	NR	mg/L	1.00	05/25/10 06:31	DAN	10E1866	6010B

Sample ID: RTE1137-04RE1 (BR-4 - Water)

Sampled: 05/21/10 14:20

Recvd: 05/21/10 16:30

Volatile Organic Compounds by EPA 8260B

cis-1,2-Dichloroethene	2400	D08	50	40	ug/L	50.0	05/29/10 11:23	DHC	10E2433	8260B
Trichloroethene	1700	D08	50	23	ug/L	50.0	05/29/10 11:23	DHC	10E2433	8260B

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270 Michigan Avenue
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Work Order: RTE1137

Project: Commerce Square: Site# E932141

Project Number: E932141

Received: 05/21/10

Reported: 06/08/10 08:32

Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTE1137-05 (WATER DRUMS 1 - Water)						Sampled: 05/21/10 14:50		Recvd: 05/21/10 16:30		
<u>Total Metals by SW 846 Series Methods</u>										
Aluminum	6.29		0.200	NR	mg/L	1.00	05/25/10 06:36	DAN	10E1866	6010B
Barium	0.252		0.0020	NR	mg/L	1.00	05/25/10 06:36	DAN	10E1866	6010B
Calcium	375		0.5	NR	mg/L	1.00	05/25/10 06:36	DAN	10E1866	6010B
Chromium	0.0199		0.0040	NR	mg/L	1.00	05/25/10 06:36	DAN	10E1866	6010B
Copper	0.0101		0.0100	NR	mg/L	1.00	05/25/10 06:36	DAN	10E1866	6010B
Iron	5.31		0.050	NR	mg/L	1.00	05/25/10 06:36	DAN	10E1866	6010B
Lead	0.0116		0.0050	NR	mg/L	1.00	05/25/10 06:36	DAN	10E1866	6010B
Magnesium	21.2		0.200	NR	mg/L	1.00	05/25/10 06:36	DAN	10E1866	6010B
Manganese	0.325		0.0030	NR	mg/L	1.00	05/25/10 06:36	DAN	10E1866	6010B
Potassium	10.9		0.500	NR	mg/L	1.00	05/25/10 06:36	DAN	10E1866	6010B
Sodium	38.9		1.0	NR	mg/L	1.00	05/25/10 06:36	DAN	10E1866	6010B
Vanadium	0.0172		0.0050	NR	mg/L	1.00	05/25/10 06:36	DAN	10E1866	6010B
Zinc	0.206		0.0100	NR	mg/L	1.00	05/25/10 06:36	DAN	10E1866	6010B

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Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTE1137-06 (WATER DRUMS 2 - Water)						Sampled: 05/21/10 14:55		Recvd: 05/21/10 16:30		
<u>Total Metals by SW 846 Series Methods</u>										
Aluminum	25.1	D08	0.200	NR	mg/L	1.00	05/25/10 06:54	DAN	10E1866	6010B
Arsenic	0.0139		0.0100	NR	mg/L	1.00	05/25/10 06:54	DAN	10E1866	6010B
Barium	1.60		0.0020	NR	mg/L	1.00	05/25/10 06:54	DAN	10E1866	6010B
Beryllium	0.0021		0.0020	NR	mg/L	1.00	05/25/10 06:54	DAN	10E1866	6010B
Calcium	1600		5.0	NR	mg/L	10.0	05/25/10 11:50	DAN	10E1866	6010B
Chromium	0.0619		0.0040	NR	mg/L	1.00	05/25/10 06:54	DAN	10E1866	6010B
Cobalt	0.0080		0.0040	NR	mg/L	1.00	05/25/10 06:54	DAN	10E1866	6010B
Copper	0.0306		0.0100	NR	mg/L	1.00	05/25/10 06:54	DAN	10E1866	6010B
Iron	20.5		0.050	NR	mg/L	1.00	05/25/10 06:54	DAN	10E1866	6010B
Lead	0.0437		0.0050	NR	mg/L	1.00	05/25/10 06:54	DAN	10E1866	6010B
Magnesium	76.9		0.200	NR	mg/L	1.00	05/25/10 06:54	DAN	10E1866	6010B
Manganese	1.23		0.0030	NR	mg/L	1.00	05/25/10 06:54	DAN	10E1866	6010B
Nickel	0.0274		0.0100	NR	mg/L	1.00	05/25/10 06:54	DAN	10E1866	6010B
Potassium	119		0.500	NR	mg/L	1.00	05/25/10 06:54	DAN	10E1866	6010B
Sodium	77.2		1.0	NR	mg/L	1.00	05/25/10 06:54	DAN	10E1866	6010B
Vanadium	0.0561		0.0050	NR	mg/L	1.00	05/25/10 06:54	DAN	10E1866	6010B
Zinc	0.203		0.0100	NR	mg/L	1.00	05/25/10 06:54	DAN	10E1866	6010B

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270 Michigan Avenue
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Work Order: RTE1137

Project: Commerce Square: Site# E932141
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Reported: 06/08/10 08:32

Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTE1137-07 (WATER DRUMS 3 - Water)						Sampled: 05/21/10 15:00		Recvd: 05/21/10 16:30		
<u>Total Metals by SW 846 Series Methods</u>										
Aluminum	0.340		0.200	NR	mg/L	1.00	05/25/10 06:59	DAN	10E1866	6010B
Barium	0.0978		0.0020	NR	mg/L	1.00	05/25/10 06:59	DAN	10E1866	6010B
Calcium	143		0.5	NR	mg/L	1.00	05/25/10 06:59	DAN	10E1866	6010B
Iron	1.66		0.050	NR	mg/L	1.00	05/25/10 06:59	DAN	10E1866	6010B
Magnesium	55.0		0.200	NR	mg/L	1.00	05/25/10 06:59	DAN	10E1866	6010B
Manganese	0.117		0.0030	NR	mg/L	1.00	05/25/10 06:59	DAN	10E1866	6010B
Potassium	3.95		0.500	NR	mg/L	1.00	05/25/10 06:59	DAN	10E1866	6010B
Sodium	152		1.0	NR	mg/L	1.00	05/25/10 06:59	DAN	10E1866	6010B
Zinc	0.0209		0.0100	NR	mg/L	1.00	05/25/10 06:59	DAN	10E1866	6010B

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Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTE1137-08 (WATER DRUMS 4 - Water)						Sampled: 05/21/10 15:05		Recvd: 05/21/10 16:30		
<u>Total Metals by SW 846 Series Methods</u>										
Aluminum	23.6	D08	0.200	NR	mg/L	1.00	05/25/10 07:04	DAN	10E1866	6010B
Barium	2.28		0.0020	NR	mg/L	1.00	05/25/10 07:04	DAN	10E1866	6010B
Calcium	1220		5.0	NR	mg/L	10.0	05/25/10 11:55	DAN	10E1866	6010B
Chromium	0.101		0.0040	NR	mg/L	1.00	05/25/10 07:04	DAN	10E1866	6010B
Cobalt	0.0072		0.0040	NR	mg/L	1.00	05/25/10 07:04	DAN	10E1866	6010B
Copper	0.0882		0.0100	NR	mg/L	1.00	05/25/10 07:04	DAN	10E1866	6010B
Iron	19.1		0.050	NR	mg/L	1.00	05/25/10 07:04	DAN	10E1866	6010B
Lead	0.0467		0.0050	NR	mg/L	1.00	05/25/10 07:04	DAN	10E1866	6010B
Magnesium	37.5		0.200	NR	mg/L	1.00	05/25/10 07:04	DAN	10E1866	6010B
Manganese	0.752		0.0030	NR	mg/L	1.00	05/25/10 07:04	DAN	10E1866	6010B
Nickel	0.0260		0.0100	NR	mg/L	1.00	05/25/10 07:04	DAN	10E1866	6010B
Potassium	208	0.500	NR	mg/L	1.00	05/25/10 07:04	DAN	10E1866	6010B	
Sodium	102	1.0	NR	mg/L	1.00	05/25/10 07:04	DAN	10E1866	6010B	
Vanadium	0.0442	0.0050	NR	mg/L	1.00	05/25/10 07:04	DAN	10E1866	6010B	
Zinc	0.171	0.0100	NR	mg/L	1.00	05/25/10 07:04	DAN	10E1866	6010B	

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Received: 05/21/10

Reported: 06/08/10 08:32

Sample Summary

Sample Identification	Lab Number	Client Matrix	Date/Time Sampled	Date/Time Received	Sample Qualifiers
BR-1	RTE1137-01	Water	05/21/10 11:40	05/21/10 16:30	
BR-2	RTE1137-02	Water	05/21/10 12:30	05/21/10 16:30	
BR-3	RTE1137-03	Water	05/21/10 13:30	05/21/10 16:30	
BR-4	RTE1137-04	Water	05/21/10 14:20	05/21/10 16:30	
WATER DRUMS 1	RTE1137-05	Water	05/21/10 14:50	05/21/10 16:30	
WATER DRUMS 2	RTE1137-06	Water	05/21/10 14:55	05/21/10 16:30	
WATER DRUMS 3	RTE1137-07	Water	05/21/10 15:00	05/21/10 16:30	
WATER DRUMS 4	RTE1137-08	Water	05/21/10 15:05	05/21/10 16:30	
TRIP BLANK	RTE1137-09	Water	05/21/10	05/21/10 16:30	

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Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTE1137-01 (BR-1 - Water)						Sampled: 05/21/10 11:40		Recvd: 05/21/10 16:30		
<u>Volatile Organic Compounds by EPA 8260B</u>										
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L	1.00	05/27/10 15:13	DHC	10E2196	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	05/27/10 15:13	DHC	10E2196	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	05/27/10 15:13	DHC	10E2196	8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L	1.00	05/27/10 15:13	DHC	10E2196	8260B
1,1-Dichloroethane	ND		1.0	0.38	ug/L	1.00	05/27/10 15:13	DHC	10E2196	8260B
1,1-Dichloroethene	ND		1.0	0.29	ug/L	1.00	05/27/10 15:13	DHC	10E2196	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	05/27/10 15:13	DHC	10E2196	8260B
1,2-Dibromo-3-chloropropene	ND		1.0	0.39	ug/L	1.00	05/27/10 15:13	DHC	10E2196	8260B
1,2-Dibromoethane	ND		1.0	0.73	ug/L	1.00	05/27/10 15:13	DHC	10E2196	8260B
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L	1.00	05/27/10 15:13	DHC	10E2196	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	05/27/10 15:13	DHC	10E2196	8260B
1,2-Dichloropropane	ND		1.0	0.72	ug/L	1.00	05/27/10 15:13	DHC	10E2196	8260B
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L	1.00	05/27/10 15:13	DHC	10E2196	8260B
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L	1.00	05/27/10 15:13	DHC	10E2196	8260B
2-Butanone	ND		5.0	1.3	ug/L	1.00	05/27/10 15:13	DHC	10E2196	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	05/27/10 15:13	DHC	10E2196	8260B
4-Methyl-2-pentanone	ND		5.0	2.1	ug/L	1.00	05/27/10 15:13	DHC	10E2196	8260B
Acetone	5.6		5.0	3.0	ug/L	1.00	05/27/10 15:13	DHC	10E2196	8260B
Benzene	ND		1.0	0.41	ug/L	1.00	05/27/10 15:13	DHC	10E2196	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	05/27/10 15:13	DHC	10E2196	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	05/27/10 15:13	DHC	10E2196	8260B
Bromomethane	ND		1.0	0.69	ug/L	1.00	05/27/10 15:13	DHC	10E2196	8260B
Carbon disulfide	ND		1.0	0.19	ug/L	1.00	05/27/10 15:13	DHC	10E2196	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	05/27/10 15:13	DHC	10E2196	8260B
Chlorobenzene	ND		1.0	0.75	ug/L	1.00	05/27/10 15:13	DHC	10E2196	8260B
Dibromochloromethane	ND		1.0	0.32	ug/L	1.00	05/27/10 15:13	DHC	10E2196	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	05/27/10 15:13	DHC	10E2196	8260B
Chloroform	0.81	J	1.0	0.34	ug/L	1.00	05/27/10 15:13	DHC	10E2196	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	05/27/10 15:13	DHC	10E2196	8260B
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L	1.00	05/27/10 15:13	DHC	10E2196	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	05/27/10 15:13	DHC	10E2196	8260B
Cyclohexane	ND		1.0	0.18	ug/L	1.00	05/27/10 15:13	DHC	10E2196	8260B
Dichlorodifluoromethane	ND		1.0	0.68	ug/L	1.00	05/27/10 15:13	DHC	10E2196	8260B
Ethylbenzene	ND		1.0	0.74	ug/L	1.00	05/27/10 15:13	DHC	10E2196	8260B
Isopropylbenzene	ND		1.0	0.79	ug/L	1.00	05/27/10 15:13	DHC	10E2196	8260B
Methyl Acetate	ND		1.0	0.50	ug/L	1.00	05/27/10 15:13	DHC	10E2196	8260B
Methyl-t-Butyl Ether (MTBE)	0.73	J	1.0	0.16	ug/L	1.00	05/27/10 15:13	DHC	10E2196	8260B
Methylcyclohexane	ND		1.0	0.16	ug/L	1.00	05/27/10 15:13	DHC	10E2196	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	05/27/10 15:13	DHC	10E2196	8260B
Styrene	ND		1.0	0.73	ug/L	1.00	05/27/10 15:13	DHC	10E2196	8260B
Tetrachloroethene	ND		1.0	0.36	ug/L	1.00	05/27/10 15:13	DHC	10E2196	8260B
Toluene	ND		1.0	0.51	ug/L	1.00	05/27/10 15:13	DHC	10E2196	8260B
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L	1.00	05/27/10 15:13	DHC	10E2196	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	05/27/10 15:13	DHC	10E2196	8260B
Trichloroethene	ND		1.0	0.46	ug/L	1.00	05/27/10 15:13	DHC	10E2196	8260B
Trichlorofluoromethane	ND		1.0	0.88	ug/L	1.00	05/27/10 15:13	DHC	10E2196	8260B
Vinyl chloride	ND		1.0	0.90	ug/L	1.00	05/27/10 15:13	DHC	10E2196	8260B

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTE1137

Project: Commerce Square: Site# E932141

Project Number: E932141

Received: 05/21/10

Reported: 06/08/10 08:32

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
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Sample ID: RTE1137-01 (BR-1 - Water) - cont.

Sampled: 05/21/10 11:40

Recvd: 05/21/10 16:30

Volatile Organic Compounds by EPA 8260B - cont.

Xylenes, total	ND		2.0	0.66	ug/L	1.00	05/27/10 15:13	DHC	10E2196	8260B
1,2-Dichloroethane-d4	102 %		Surr Limits: (66-137%)				05/27/10 15:13	DHC	10E2196	8260B
4-Bromofluorobenzene	112 %		Surr Limits: (73-120%)				05/27/10 15:13	DHC	10E2196	8260B
Toluene-d8	107 %		Surr Limits: (71-126%)				05/27/10 15:13	DHC	10E2196	8260B

Semivolatile Organics by GC/MS

2,4,5-Trichlorophenol	ND		5.6	0.54	ug/L	1.00	06/01/10 23:23	JLG	10E1815	8270C
2,4,6-Trichlorophenol	ND		5.6	0.69	ug/L	1.00	06/01/10 23:23	JLG	10E1815	8270C
2,4-Dichlorophenol	ND		5.6	0.57	ug/L	1.00	06/01/10 23:23	JLG	10E1815	8270C
2,4-Dimethylphenol	ND		5.6	0.56	ug/L	1.00	06/01/10 23:23	JLG	10E1815	8270C
2,4-Dinitrophenol	ND		11	2.5	ug/L	1.00	06/01/10 23:23	JLG	10E1815	8270C
2,4-Dinitrotoluene	ND		5.6	0.50	ug/L	1.00	06/01/10 23:23	JLG	10E1815	8270C
2,6-Dinitrotoluene	ND		5.6	0.45	ug/L	1.00	06/01/10 23:23	JLG	10E1815	8270C
2-Chloronaphthalene	ND		5.6	0.52	ug/L	1.00	06/01/10 23:23	JLG	10E1815	8270C
2-Chlorophenol	ND	L4	5.6	0.60	ug/L	1.00	06/01/10 23:23	JLG	10E1815	8270C
2-Methylnaphthalene	ND		5.6	0.67	ug/L	1.00	06/01/10 23:23	JLG	10E1815	8270C
2-Methylphenol	ND		5.6	0.45	ug/L	1.00	06/01/10 23:23	JLG	10E1815	8270C
2-Nitroaniline	ND		11	0.47	ug/L	1.00	06/01/10 23:23	JLG	10E1815	8270C
2-Nitrophenol	ND		5.6	0.54	ug/L	1.00	06/01/10 23:23	JLG	10E1815	8270C
3,3'-Dichlorobenzidine	ND		5.6	0.45	ug/L	1.00	06/01/10 23:23	JLG	10E1815	8270C
3-Nitroaniline	ND		11	0.54	ug/L	1.00	06/01/10 23:23	JLG	10E1815	8270C
4,6-Dinitro-2-methylphenol	ND		11	2.5	ug/L	1.00	06/01/10 23:23	JLG	10E1815	8270C
4-Bromophenyl phenyl ether	ND		5.6	0.51	ug/L	1.00	06/01/10 23:23	JLG	10E1815	8270C
4-Chloro-3-methylphenol	ND	L4	5.6	0.51	ug/L	1.00	06/01/10 23:23	JLG	10E1815	8270C
4-Chloroaniline	ND		5.6	0.66	ug/L	1.00	06/01/10 23:23	JLG	10E1815	8270C
4-Chlorophenyl phenyl ether	ND		5.6	0.39	ug/L	1.00	06/01/10 23:23	JLG	10E1815	8270C
4-Methylphenol	ND		11	0.40	ug/L	1.00	06/01/10 23:23	JLG	10E1815	8270C
4-Nitroaniline	ND		11	0.28	ug/L	1.00	06/01/10 23:23	JLG	10E1815	8270C
4-Nitrophenol	ND		11	1.7	ug/L	1.00	06/01/10 23:23	JLG	10E1815	8270C
Acenaphthene	ND	L4	5.6	0.46	ug/L	1.00	06/01/10 23:23	JLG	10E1815	8270C
Acenaphthylene	ND		5.6	0.43	ug/L	1.00	06/01/10 23:23	JLG	10E1815	8270C
Acetophenone	0.63	J	5.6	0.61	ug/L	1.00	06/01/10 23:23	JLG	10E1815	8270C
Anthracene	ND		5.6	0.31	ug/L	1.00	06/01/10 23:23	JLG	10E1815	8270C
Atrazine	ND		5.6	0.52	ug/L	1.00	06/01/10 23:23	JLG	10E1815	8270C
Benzaldehyde	ND		5.6	0.30	ug/L	1.00	06/01/10 23:23	JLG	10E1815	8270C
Benzo(a)anthracene	ND		5.6	0.40	ug/L	1.00	06/01/10 23:23	JLG	10E1815	8270C
Benzo(a)pyrene	ND		5.6	0.53	ug/L	1.00	06/01/10 23:23	JLG	10E1815	8270C
Benzo(b)fluoranthene	ND		5.6	0.38	ug/L	1.00	06/01/10 23:23	JLG	10E1815	8270C
Benzo(ghi)perylene	ND		5.6	0.39	ug/L	1.00	06/01/10 23:23	JLG	10E1815	8270C
Benzo(k)fluoranthene	ND		5.6	0.82	ug/L	1.00	06/01/10 23:23	JLG	10E1815	8270C
Biphenyl	ND		5.6	0.73	ug/L	1.00	06/01/10 23:23	JLG	10E1815	8270C
Bis(2-chloroethoxy)methane	ND		5.6	0.39	ug/L	1.00	06/01/10 23:23	JLG	10E1815	8270C
Bis(2-chloroethyl)ether	ND		5.6	0.45	ug/L	1.00	06/01/10 23:23	JLG	10E1815	8270C
2,2'-Oxybis(1-Chloropropyl)ane	ND		5.6	0.58	ug/L	1.00	06/01/10 23:23	JLG	10E1815	8270C
Bis(2-ethylhexyl)phthalate	3.4	J	5.6	2.0	ug/L	1.00	06/01/10 23:23	JLG	10E1815	8270C

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTE1137

Project: Commerce Square: Site# E932141

Project Number: E932141

Received: 05/21/10

Reported: 06/08/10 08:32

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
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Sample ID: RTE1137-01 (BR-1 - Water) - cont.

Sampled: 05/21/10 11:40

Recvd: 05/21/10 16:30

Semivolatile Organics by GC/MS - cont.

Butyl benzyl phthalate	ND		5.6	0.47	ug/L	1.00	06/01/10 23:23	JLG	10E1815	8270C
Caprolactam	ND		5.6	2.5	ug/L	1.00	06/01/10 23:23	JLG	10E1815	8270C
Carbazole	ND		5.6	0.34	ug/L	1.00	06/01/10 23:23	JLG	10E1815	8270C
Chrysene	ND		5.6	0.37	ug/L	1.00	06/01/10 23:23	JLG	10E1815	8270C
Dibenzo(a,h)anthracene	ND		5.6	0.47	ug/L	1.00	06/01/10 23:23	JLG	10E1815	8270C
Dibenzofuran	ND		11	0.57	ug/L	1.00	06/01/10 23:23	JLG	10E1815	8270C
Diethyl phthalate	ND		5.6	0.25	ug/L	1.00	06/01/10 23:23	JLG	10E1815	8270C
Dimethyl phthalate	ND		5.6	0.40	ug/L	1.00	06/01/10 23:23	JLG	10E1815	8270C
Di-n-butyl phthalate	0.39	J, B	5.6	0.35	ug/L	1.00	06/01/10 23:23	JLG	10E1815	8270C
Di-n-octyl phthalate	ND		5.6	0.53	ug/L	1.00	06/01/10 23:23	JLG	10E1815	8270C
Fluoranthene	ND		5.6	0.45	ug/L	1.00	06/01/10 23:23	JLG	10E1815	8270C
Fluorene	ND		5.6	0.40	ug/L	1.00	06/01/10 23:23	JLG	10E1815	8270C
Hexachlorobenzene	ND		5.6	0.57	ug/L	1.00	06/01/10 23:23	JLG	10E1815	8270C
Hexachlorobutadiene	ND		5.6	0.76	ug/L	1.00	06/01/10 23:23	JLG	10E1815	8270C
Hexachlorocyclopentadiene	ND		5.6	0.66	ug/L	1.00	06/01/10 23:23	JLG	10E1815	8270C
Hexachloroethane	ND		5.6	0.66	ug/L	1.00	06/01/10 23:23	JLG	10E1815	8270C
Indeno(1,2,3-cd)pyrene	ND		5.6	0.53	ug/L	1.00	06/01/10 23:23	JLG	10E1815	8270C
Isophorone	ND		5.6	0.48	ug/L	1.00	06/01/10 23:23	JLG	10E1815	8270C
Naphthalene	0.87	J	5.6	0.85	ug/L	1.00	06/01/10 23:23	JLG	10E1815	8270C
Nitrobenzene	ND		5.6	0.33	ug/L	1.00	06/01/10 23:23	JLG	10E1815	8270C
N-Nitrosodi-n-propylamine	ND		5.6	0.61	ug/L	1.00	06/01/10 23:23	JLG	10E1815	8270C
N-Nitrosodiphenylamine	ND		5.6	0.57	ug/L	1.00	06/01/10 23:23	JLG	10E1815	8270C
Pentachlorophenol	ND		11	2.5	ug/L	1.00	06/01/10 23:23	JLG	10E1815	8270C
Phenanthrene	ND		5.6	0.49	ug/L	1.00	06/01/10 23:23	JLG	10E1815	8270C
Phenol	ND		5.6	0.44	ug/L	1.00	06/01/10 23:23	JLG	10E1815	8270C
Pyrene	ND		5.6	0.38	ug/L	1.00	06/01/10 23:23	JLG	10E1815	8270C

2,4,6-Tribromophenol	88 %		Surr Limits: (52-132%)				06/01/10 23:23	JLG	10E1815	8270C
2-Fluorobiphenyl	47 %	Z6	Surr Limits: (48-120%)				06/01/10 23:23	JLG	10E1815	8270C
2-Fluorophenol	23 %		Surr Limits: (20-120%)				06/01/10 23:23	JLG	10E1815	8270C
Nitrobenzene-d5	44 %	Z6	Surr Limits: (46-120%)				06/01/10 23:23	JLG	10E1815	8270C
Phenol-d5	19 %		Surr Limits: (16-120%)				06/01/10 23:23	JLG	10E1815	8270C
p-Terphenyl-d14	44 %		Surr Limits: (24-136%)				06/01/10 23:23	JLG	10E1815	8270C

Polychlorinated Biphenyls by EPA Method 8082

Aroclor 1016 [2C]	ND	QSU	0.51	0.18	ug/L	1.00	05/25/10 15:53	JxM	10E1920	8082
Aroclor 1221 [2C]	ND	QSU	0.51	0.18	ug/L	1.00	05/25/10 15:53	JxM	10E1920	8082
Aroclor 1232 [2C]	ND	QSU	0.51	0.18	ug/L	1.00	05/25/10 15:53	JxM	10E1920	8082
Aroclor 1242 [2C]	ND	QSU	0.51	0.18	ug/L	1.00	05/25/10 15:53	JxM	10E1920	8082
Aroclor 1248 [2C]	ND	QSU	0.51	0.18	ug/L	1.00	05/25/10 15:53	JxM	10E1920	8082
Aroclor 1254 [2C]	ND	QSU	0.51	0.26	ug/L	1.00	05/25/10 15:53	JxM	10E1920	8082
Aroclor 1260 [2C]	ND	QSU	0.51	0.26	ug/L	1.00	05/25/10 15:53	JxM	10E1920	8082

Decachlorobiphenyl [2C]	46 %	QSU	Surr Limits: (12-137%)				05/25/10 15:53	JxM	10E1920	8082
Tetrachloro-m-xylene [2C]	88 %	QSU	Surr Limits: (35-121%)				05/25/10 15:53	JxM	10E1920	8082

Total Metals by SW 846 Series Methods

Aluminum	0.645		0.200	NR	mg/L	1.00	05/25/10 06:17	DAN	10E1866	6010B
Antimony	ND		0.0200	NR	mg/L	1.00	05/25/10 06:17	DAN	10E1866	6010B

TestAmerica Buffalo - 10 Hazelwood Drive Amherst, NY 14228 tel 716-691-2600 fax 716-691-7991

www.testamericainc.com

17/1258

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTE1137

Project: Commerce Square: Site# E932141

Project Number: E932141

Received: 05/21/10

Reported: 06/08/10 08:32

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTE1137-01 (BR-1 - Water) - cont.						Sampled: 05/21/10 11:40		Recvd: 05/21/10 16:30		
<u>Total Metals by SW 846 Series Methods - cont.</u>										
Arsenic	ND		0.0100	NR	mg/L	1.00	05/25/10 06:17	DAN	10E1866	6010B
Barium	2.44		0.0020	NR	mg/L	1.00	05/25/10 06:17	DAN	10E1866	6010B
Beryllium	ND		0.0020	NR	mg/L	1.00	05/25/10 06:17	DAN	10E1866	6010B
Cadmium	ND		0.0010	NR	mg/L	1.00	05/25/10 06:17	DAN	10E1866	6010B
Calcium	445		0.5	NR	mg/L	1.00	05/25/10 06:17	DAN	10E1866	6010B
Chromium	ND		0.0040	NR	mg/L	1.00	05/25/10 06:17	DAN	10E1866	6010B
Cobalt	ND		0.0040	NR	mg/L	1.00	05/25/10 06:17	DAN	10E1866	6010B
Copper	ND		0.0100	NR	mg/L	1.00	05/25/10 06:17	DAN	10E1866	6010B
Iron	0.878		0.050	NR	mg/L	1.00	05/25/10 06:17	DAN	10E1866	6010B
Lead	ND		0.0050	NR	mg/L	1.00	05/25/10 06:17	DAN	10E1866	6010B
Magnesium	20.5		0.200	NR	mg/L	1.00	05/25/10 06:17	DAN	10E1866	6010B
Manganese	0.0412		0.0030	NR	mg/L	1.00	05/25/10 06:17	DAN	10E1866	6010B
Nickel	ND		0.0100	NR	mg/L	1.00	05/25/10 06:17	DAN	10E1866	6010B
Potassium	31.6		0.500	NR	mg/L	1.00	05/25/10 06:17	DAN	10E1866	6010B
Selenium	ND		0.0150	NR	mg/L	1.00	05/25/10 06:17	DAN	10E1866	6010B
Silver	ND		0.0030	NR	mg/L	1.00	05/25/10 06:17	DAN	10E1866	6010B
Sodium	84.0		1.0	NR	mg/L	1.00	05/25/10 06:17	DAN	10E1866	6010B
Thallium	ND		0.0200	NR	mg/L	1.00	05/25/10 06:17	DAN	10E1866	6010B
Vanadium	ND		0.0050	NR	mg/L	1.00	05/25/10 06:17	DAN	10E1866	6010B
Zinc	0.0103		0.0100	NR	mg/L	1.00	05/25/10 06:17	DAN	10E1866	6010B
Mercury	ND		0.0002	NR	mg/L	1.00	05/26/10 13:51	MXM	10E2007	7470A

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTE1137

Project: Commerce Square: Site# E932141

Project Number: E932141

Received: 05/21/10

Reported: 06/08/10 08:32

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTE1137-01RE1 (BR-1 - Water)						Sampled: 05/21/10 11:40		Recvd: 05/21/10 16:30		
Semivolatile Organics by GC/MS										
2,4,5-Trichlorophenol	ND	H4	4.8	0.46	ug/L	1.00	06/04/10 21:17	JLG	10F0222	8270C
2,4,6-Trichlorophenol	ND	H4	4.8	0.59	ug/L	1.00	06/04/10 21:17	JLG	10F0222	8270C
2,4-Dichlorophenol	ND	H4	4.8	0.49	ug/L	1.00	06/04/10 21:17	JLG	10F0222	8270C
2,4-Dimethylphenol	ND	H4	4.8	0.48	ug/L	1.00	06/04/10 21:17	JLG	10F0222	8270C
2,4-Dinitrophenol	ND	H4	9.6	2.1	ug/L	1.00	06/04/10 21:17	JLG	10F0222	8270C
2,4-Dinitrotoluene	ND	H4	4.8	0.43	ug/L	1.00	06/04/10 21:17	JLG	10F0222	8270C
2,6-Dinitrotoluene	ND	H4	4.8	0.38	ug/L	1.00	06/04/10 21:17	JLG	10F0222	8270C
2-Chloronaphthalene	ND	H4	4.8	0.44	ug/L	1.00	06/04/10 21:17	JLG	10F0222	8270C
2-Chlorophenol	ND	H4	4.8	0.51	ug/L	1.00	06/04/10 21:17	JLG	10F0222	8270C
2-Methylnaphthalene	ND	H4	4.8	0.58	ug/L	1.00	06/04/10 21:17	JLG	10F0222	8270C
2-Methylphenol	ND	H4	4.8	0.38	ug/L	1.00	06/04/10 21:17	JLG	10F0222	8270C
2-Nitroaniline	ND	H4	9.6	0.40	ug/L	1.00	06/04/10 21:17	JLG	10F0222	8270C
2-Nitrophenol	ND	H4	4.8	0.46	ug/L	1.00	06/04/10 21:17	JLG	10F0222	8270C
3,3'-Dichlorobenzidine	ND	H4	4.8	0.38	ug/L	1.00	06/04/10 21:17	JLG	10F0222	8270C
3-Nitroaniline	ND	H4	9.6	0.46	ug/L	1.00	06/04/10 21:17	JLG	10F0222	8270C
4,6-Dinitro-2-methylphenol	ND	H4	9.6	2.1	ug/L	1.00	06/04/10 21:17	JLG	10F0222	8270C
4-Bromophenyl phenyl ether	ND	H4	4.8	0.43	ug/L	1.00	06/04/10 21:17	JLG	10F0222	8270C
4-Chloro-3-methylphenol	ND	H4	4.8	0.43	ug/L	1.00	06/04/10 21:17	JLG	10F0222	8270C
4-Chloroaniline	ND	H4	4.8	0.57	ug/L	1.00	06/04/10 21:17	JLG	10F0222	8270C
4-Chlorophenyl phenyl ether	ND	H4	4.8	0.34	ug/L	1.00	06/04/10 21:17	JLG	10F0222	8270C
4-Methylphenol	ND	H4	9.6	0.35	ug/L	1.00	06/04/10 21:17	JLG	10F0222	8270C
4-Nitroaniline	ND	H4	9.6	0.24	ug/L	1.00	06/04/10 21:17	JLG	10F0222	8270C
4-Nitrophenol	ND	H4	9.6	1.5	ug/L	1.00	06/04/10 21:17	JLG	10F0222	8270C
Acenaphthene	ND	H4	4.8	0.39	ug/L	1.00	06/04/10 21:17	JLG	10F0222	8270C
Acenaphthylene	ND	H4	4.8	0.37	ug/L	1.00	06/04/10 21:17	JLG	10F0222	8270C
Acetophenone	0.90	H4,J	4.8	0.52	ug/L	1.00	06/04/10 21:17	JLG	10F0222	8270C
Anthracene	ND	H4	4.8	0.27	ug/L	1.00	06/04/10 21:17	JLG	10F0222	8270C
Atrazine	ND	H4	4.8	0.44	ug/L	1.00	06/04/10 21:17	JLG	10F0222	8270C
Benzaldehyde	ND	H4	4.8	0.26	ug/L	1.00	06/04/10 21:17	JLG	10F0222	8270C
Benzo(a)anthracene	ND	H4	4.8	0.35	ug/L	1.00	06/04/10 21:17	JLG	10F0222	8270C
Benzo(a)pyrene	ND	H4	4.8	0.45	ug/L	1.00	06/04/10 21:17	JLG	10F0222	8270C
Benzo(b)fluoranthene	ND	H4	4.8	0.33	ug/L	1.00	06/04/10 21:17	JLG	10F0222	8270C
Benzo(ghi)perylene	ND	H4	4.8	0.34	ug/L	1.00	06/04/10 21:17	JLG	10F0222	8270C
Benzo(k)fluoranthene	ND	H4	4.8	0.70	ug/L	1.00	06/04/10 21:17	JLG	10F0222	8270C
Biphenyl	ND	H4	4.8	0.63	ug/L	1.00	06/04/10 21:17	JLG	10F0222	8270C
Bis(2-chloroethoxy)methane	ND	H4	4.8	0.34	ug/L	1.00	06/04/10 21:17	JLG	10F0222	8270C
Bis(2-chloroethyl)ether	ND	H4	4.8	0.38	ug/L	1.00	06/04/10 21:17	JLG	10F0222	8270C
2,2'-Oxybis(1-Chloropropene)	ND	H4	4.8	0.50	ug/L	1.00	06/04/10 21:17	JLG	10F0222	8270C
Bis(2-ethylhexyl)phthalate	3.0	H4,J	4.8	1.7	ug/L	1.00	06/04/10 21:17	JLG	10F0222	8270C
Butyl benzyl phthalate	ND	H4	4.8	0.40	ug/L	1.00	06/04/10 21:17	JLG	10F0222	8270C
Caprolactam	ND	H4	4.8	2.1	ug/L	1.00	06/04/10 21:17	JLG	10F0222	8270C
Carbazole	ND	H4	4.8	0.29	ug/L	1.00	06/04/10 21:17	JLG	10F0222	8270C
Chrysene	ND	H4	4.8	0.32	ug/L	1.00	06/04/10 21:17	JLG	10F0222	8270C
Dibenzo(a,h)anthracene	ND	H4	4.8	0.40	ug/L	1.00	06/04/10 21:17	JLG	10F0222	8270C
Dibenzofuran	ND	H4	9.6	0.49	ug/L	1.00	06/04/10 21:17	JLG	10F0222	8270C

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTE1137

Project: Commerce Square: Site# E932141

Project Number: E932141

Received: 05/21/10

Reported: 06/08/10 08:32

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTE1137-01RE1 (BR-1 - Water) - cont.						Sampled: 05/21/10 11:40		Recvd: 05/21/10 16:30		
<u>Semivolatile Organics by GC/MS - cont.</u>										
Diethyl phthalate	ND	H4	4.8	0.21	ug/L	1.00	06/04/10 21:17	JLG	10F0222	8270C
Dimethyl phthalate	ND	H4	4.8	0.35	ug/L	1.00	06/04/10 21:17	JLG	10F0222	8270C
Di-n-butyl phthalate	ND	H4	4.8	0.30	ug/L	1.00	06/04/10 21:17	JLG	10F0222	8270C
Di-n-octyl phthalate	ND	H4	4.8	0.45	ug/L	1.00	06/04/10 21:17	JLG	10F0222	8270C
Fluoranthene	ND	H4	4.8	0.38	ug/L	1.00	06/04/10 21:17	JLG	10F0222	8270C
Fluorene	ND	H4	4.8	0.35	ug/L	1.00	06/04/10 21:17	JLG	10F0222	8270C
Hexachlorobenzene	ND	H4	4.8	0.49	ug/L	1.00	06/04/10 21:17	JLG	10F0222	8270C
Hexachlorobutadiene	ND	H4	4.8	0.65	ug/L	1.00	06/04/10 21:17	JLG	10F0222	8270C
Hexachlorocyclopentadiene	ND	H4	4.8	0.57	ug/L	1.00	06/04/10 21:17	JLG	10F0222	8270C
Hexachloroethane	ND	H4	4.8	0.57	ug/L	1.00	06/04/10 21:17	JLG	10F0222	8270C
Indeno(1,2,3-cd)pyrene	ND	H4	4.8	0.45	ug/L	1.00	06/04/10 21:17	JLG	10F0222	8270C
Isophorone	ND	H4	4.8	0.41	ug/L	1.00	06/04/10 21:17	JLG	10F0222	8270C
Naphthalene	1.5	H4,J	4.8	0.73	ug/L	1.00	06/04/10 21:17	JLG	10F0222	8270C
Nitrobenzene	ND	H4	4.8	0.28	ug/L	1.00	06/04/10 21:17	JLG	10F0222	8270C
N-Nitrosodi-n-propylamine	ND	H4	4.8	0.52	ug/L	1.00	06/04/10 21:17	JLG	10F0222	8270C
N-Nitrosodiphenylamine	ND	H4	4.8	0.49	ug/L	1.00	06/04/10 21:17	JLG	10F0222	8270C
Pentachlorophenol	ND	H4	9.6	2.1	ug/L	1.00	06/04/10 21:17	JLG	10F0222	8270C
Phenanthrene	ND	H4	4.8	0.42	ug/L	1.00	06/04/10 21:17	JLG	10F0222	8270C
Phenol	ND	H4	4.8	0.38	ug/L	1.00	06/04/10 21:17	JLG	10F0222	8270C
Pyrene	ND	H4	4.8	0.33	ug/L	1.00	06/04/10 21:17	JLG	10F0222	8270C
2,4,6-Tribromophenol	101 %	H4	Surr Limits: (52-132%)				06/04/10 21:17	JLG	10F0222	8270C
2-Fluorobiphenyl	85 %	H4	Surr Limits: (48-120%)				06/04/10 21:17	JLG	10F0222	8270C
2-Fluorophenol	33 %	H4	Surr Limits: (20-120%)				06/04/10 21:17	JLG	10F0222	8270C
Nitrobenzene-d5	78 %	H4	Surr Limits: (46-120%)				06/04/10 21:17	JLG	10F0222	8270C
Phenol-d5	25 %	H4	Surr Limits: (16-120%)				06/04/10 21:17	JLG	10F0222	8270C
p-Terphenyl-d14	41 %	H4	Surr Limits: (24-136%)				06/04/10 21:17	JLG	10F0222	8270C

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTE1137

Project: Commerce Square: Site# E932141

Project Number: E932141

Received: 05/21/10

Reported: 06/08/10 08:32

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTE1137-02 (BR-2 - Water)						Sampled: 05/21/10 12:30		Recvd: 05/21/10 16:30		
<u>Volatile Organic Compounds by EPA 8260B</u>										
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L	1.00	05/27/10 15:38	DHC	10E2196	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	05/27/10 15:38	DHC	10E2196	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	05/27/10 15:38	DHC	10E2196	8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L	1.00	05/27/10 15:38	DHC	10E2196	8260B
1,1-Dichloroethane	ND		1.0	0.38	ug/L	1.00	05/27/10 15:38	DHC	10E2196	8260B
1,1-Dichloroethene	ND		1.0	0.29	ug/L	1.00	05/27/10 15:38	DHC	10E2196	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	05/27/10 15:38	DHC	10E2196	8260B
1,2-Dibromo-3-chloropropene	ND		1.0	0.39	ug/L	1.00	05/27/10 15:38	DHC	10E2196	8260B
1,2-Dibromoethane	ND		1.0	0.73	ug/L	1.00	05/27/10 15:38	DHC	10E2196	8260B
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L	1.00	05/27/10 15:38	DHC	10E2196	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	05/27/10 15:38	DHC	10E2196	8260B
1,2-Dichloropropane	ND		1.0	0.72	ug/L	1.00	05/27/10 15:38	DHC	10E2196	8260B
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L	1.00	05/27/10 15:38	DHC	10E2196	8260B
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L	1.00	05/27/10 15:38	DHC	10E2196	8260B
2-Butanone	ND		5.0	1.3	ug/L	1.00	05/27/10 15:38	DHC	10E2196	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	05/27/10 15:38	DHC	10E2196	8260B
4-Methyl-2-pentanone	ND		5.0	2.1	ug/L	1.00	05/27/10 15:38	DHC	10E2196	8260B
Acetone	7.8		5.0	3.0	ug/L	1.00	05/27/10 15:38	DHC	10E2196	8260B
Benzene	78		1.0	0.41	ug/L	1.00	05/27/10 15:38	DHC	10E2196	8260B
Bromodichloromethane	0.74	J	1.0	0.39	ug/L	1.00	05/27/10 15:38	DHC	10E2196	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	05/27/10 15:38	DHC	10E2196	8260B
Bromomethane	ND		1.0	0.69	ug/L	1.00	05/27/10 15:38	DHC	10E2196	8260B
Carbon disulfide	ND		1.0	0.19	ug/L	1.00	05/27/10 15:38	DHC	10E2196	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	05/27/10 15:38	DHC	10E2196	8260B
Chlorobenzene	ND		1.0	0.75	ug/L	1.00	05/27/10 15:38	DHC	10E2196	8260B
Dibromochloromethane	ND		1.0	0.32	ug/L	1.00	05/27/10 15:38	DHC	10E2196	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	05/27/10 15:38	DHC	10E2196	8260B
Chloroform	14		1.0	0.34	ug/L	1.00	05/27/10 15:38	DHC	10E2196	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	05/27/10 15:38	DHC	10E2196	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	05/27/10 15:38	DHC	10E2196	8260B
Cyclohexane	1.5		1.0	0.18	ug/L	1.00	05/27/10 15:38	DHC	10E2196	8260B
Dichlorodifluoromethane	ND		1.0	0.68	ug/L	1.00	05/27/10 15:38	DHC	10E2196	8260B
Ethylbenzene	1.2		1.0	0.74	ug/L	1.00	05/27/10 15:38	DHC	10E2196	8260B
Isopropylbenzene	ND		1.0	0.79	ug/L	1.00	05/27/10 15:38	DHC	10E2196	8260B
Methyl Acetate	ND		1.0	0.50	ug/L	1.00	05/27/10 15:38	DHC	10E2196	8260B
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.16	ug/L	1.00	05/27/10 15:38	DHC	10E2196	8260B
Methylcyclohexane	1.0		1.0	0.16	ug/L	1.00	05/27/10 15:38	DHC	10E2196	8260B
Methylene Chloride	0.51	J, B	1.0	0.44	ug/L	1.00	05/27/10 15:38	DHC	10E2196	8260B
Styrene	ND		1.0	0.73	ug/L	1.00	05/27/10 15:38	DHC	10E2196	8260B
Tetrachloroethene	0.91	J	1.0	0.36	ug/L	1.00	05/27/10 15:38	DHC	10E2196	8260B
Toluene	2.2		1.0	0.51	ug/L	1.00	05/27/10 15:38	DHC	10E2196	8260B
trans-1,2-Dichloroethene	16		1.0	0.90	ug/L	1.00	05/27/10 15:38	DHC	10E2196	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	05/27/10 15:38	DHC	10E2196	8260B
Trichlorofluoromethane	ND		1.0	0.88	ug/L	1.00	05/27/10 15:38	DHC	10E2196	8260B
Vinyl chloride	25		1.0	0.90	ug/L	1.00	05/27/10 15:38	DHC	10E2196	8260B
Xylenes, total	ND		2.0	0.66	ug/L	1.00	05/27/10 15:38	DHC	10E2196	8260B
1,2-Dichloroethane-d4	101 %		Surr Limits: (66-137%)				05/27/10 15:38	DHC	10E2196	8260B

TestAmerica Buffalo - 10 Hazelwood Drive Amherst, NY 14228 tel 716-691-2600 fax 716-691-7991

www.testamericainc.com

21/1258

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTE1137

Project: Commerce Square: Site# E932141

Project Number: E932141

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Reported: 06/08/10 08:32

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTE1137-02 (BR-2 - Water) - cont.					Sampled: 05/21/10 12:30			Recvd: 05/21/10 16:30		

Volatile Organic Compounds by EPA 8260B - cont.

4-Bromofluorobenzene	111 %			Surr Limits: (73-120%)			05/27/10 15:38	DHC	10E2196	8260B
Toluene-d8	106 %			Surr Limits: (71-126%)			05/27/10 15:38	DHC	10E2196	8260B

Semivolatile Organics by GC/MS

2,4,5-Trichlorophenol	ND		4.9	0.47	ug/L	1.00	05/29/10 16:11	JLG	10E1815	8270C
2,4,6-Trichlorophenol	ND		4.9	0.60	ug/L	1.00	05/29/10 16:11	JLG	10E1815	8270C
2,4-Dichlorophenol	ND		4.9	0.50	ug/L	1.00	05/29/10 16:11	JLG	10E1815	8270C
2,4-Dimethylphenol	ND		4.9	0.49	ug/L	1.00	05/29/10 16:11	JLG	10E1815	8270C
2,4-Dinitrophenol	ND		9.8	2.2	ug/L	1.00	05/29/10 16:11	JLG	10E1815	8270C
2,4-Dinitrotoluene	ND		4.9	0.44	ug/L	1.00	05/29/10 16:11	JLG	10E1815	8270C
2,6-Dinitrotoluene	ND		4.9	0.39	ug/L	1.00	05/29/10 16:11	JLG	10E1815	8270C
2-Chloronaphthalene	ND		4.9	0.45	ug/L	1.00	05/29/10 16:11	JLG	10E1815	8270C
2-Chlorophenol	ND	L4	4.9	0.52	ug/L	1.00	05/29/10 16:11	JLG	10E1815	8270C
2-Methylnaphthalene	ND		4.9	0.59	ug/L	1.00	05/29/10 16:11	JLG	10E1815	8270C
2-Methylphenol	ND		4.9	0.39	ug/L	1.00	05/29/10 16:11	JLG	10E1815	8270C
2-Nitroaniline	ND		9.8	0.41	ug/L	1.00	05/29/10 16:11	JLG	10E1815	8270C
2-Nitrophenol	ND		4.9	0.47	ug/L	1.00	05/29/10 16:11	JLG	10E1815	8270C
3,3'-Dichlorobenzidine	ND		4.9	0.39	ug/L	1.00	05/29/10 16:11	JLG	10E1815	8270C
3-Nitroaniline	ND		9.8	0.47	ug/L	1.00	05/29/10 16:11	JLG	10E1815	8270C
4,6-Dinitro-2-methylphenol	ND		9.8	2.2	ug/L	1.00	05/29/10 16:11	JLG	10E1815	8270C
4-Bromophenyl phenyl ether	ND		4.9	0.44	ug/L	1.00	05/29/10 16:11	JLG	10E1815	8270C
4-Chloro-3-methylphenol	ND	L4	4.9	0.44	ug/L	1.00	05/29/10 16:11	JLG	10E1815	8270C
4-Chloroaniline	ND		4.9	0.58	ug/L	1.00	05/29/10 16:11	JLG	10E1815	8270C
4-Chlorophenyl phenyl ether	ND		4.9	0.34	ug/L	1.00	05/29/10 16:11	JLG	10E1815	8270C
4-Methylphenol	ND		9.8	0.35	ug/L	1.00	05/29/10 16:11	JLG	10E1815	8270C
4-Nitroaniline	ND		9.8	0.25	ug/L	1.00	05/29/10 16:11	JLG	10E1815	8270C
4-Nitrophenol	ND		9.8	1.5	ug/L	1.00	05/29/10 16:11	JLG	10E1815	8270C
Acenaphthene	ND	L4	4.9	0.40	ug/L	1.00	05/29/10 16:11	JLG	10E1815	8270C
Acenaphthylene	ND		4.9	0.37	ug/L	1.00	05/29/10 16:11	JLG	10E1815	8270C
Acetophenone	ND		4.9	0.53	ug/L	1.00	05/29/10 16:11	JLG	10E1815	8270C
Anthracene	ND		4.9	0.27	ug/L	1.00	05/29/10 16:11	JLG	10E1815	8270C
Atrazine	ND		4.9	0.45	ug/L	1.00	05/29/10 16:11	JLG	10E1815	8270C
Benzaldehyde	ND		4.9	0.26	ug/L	1.00	05/29/10 16:11	JLG	10E1815	8270C
Benzo(a)anthracene	ND		4.9	0.35	ug/L	1.00	05/29/10 16:11	JLG	10E1815	8270C
Benzo(a)pyrene	ND		4.9	0.46	ug/L	1.00	05/29/10 16:11	JLG	10E1815	8270C
Benzo(b)fluoranthene	ND		4.9	0.33	ug/L	1.00	05/29/10 16:11	JLG	10E1815	8270C
Benzo(ghi)perylene	ND		4.9	0.34	ug/L	1.00	05/29/10 16:11	JLG	10E1815	8270C
Benzo(k)fluoranthene	ND		4.9	0.72	ug/L	1.00	05/29/10 16:11	JLG	10E1815	8270C
Biphenyl	ND		4.9	0.64	ug/L	1.00	05/29/10 16:11	JLG	10E1815	8270C
Bis(2-chloroethoxy)methane	ND		4.9	0.34	ug/L	1.00	05/29/10 16:11	JLG	10E1815	8270C
Bis(2-chloroethyl)ether	ND		4.9	0.39	ug/L	1.00	05/29/10 16:11	JLG	10E1815	8270C
2,2'-Oxybis(1-Chloropropene)	ND		4.9	0.51	ug/L	1.00	05/29/10 16:11	JLG	10E1815	8270C
Bis(2-ethylhexyl)phthalate	3.0	J	4.9	1.8	ug/L	1.00	05/29/10 16:11	JLG	10E1815	8270C
Butyl benzyl phthalate	ND		4.9	0.41	ug/L	1.00	05/29/10 16:11	JLG	10E1815	8270C
Caprolactam	4.3	J	4.9	2.2	ug/L	1.00	05/29/10 16:11	JLG	10E1815	8270C

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTE1137

Project: Commerce Square: Site# E932141

Project Number: E932141

Received: 05/21/10

Reported: 06/08/10 08:32

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
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Sample ID: RTE1137-02 (BR-2 - Water) - cont.

Sampled: 05/21/10 12:30

Recvd: 05/21/10 16:30

Semivolatile Organics by GC/MS - cont.

Carbazole	ND		4.9	0.29	ug/L	1.00	05/29/10 16:11	JLG	10E1815	8270C
Chrysene	ND		4.9	0.32	ug/L	1.00	05/29/10 16:11	JLG	10E1815	8270C
Dibenzo(a,h)anthracene	ND		4.9	0.41	ug/L	1.00	05/29/10 16:11	JLG	10E1815	8270C
Dibenzofuran	ND		9.8	0.50	ug/L	1.00	05/29/10 16:11	JLG	10E1815	8270C
Diethyl phthalate	ND		4.9	0.22	ug/L	1.00	05/29/10 16:11	JLG	10E1815	8270C
Dimethyl phthalate	ND		4.9	0.35	ug/L	1.00	05/29/10 16:11	JLG	10E1815	8270C
Di-n-butyl phthalate	0.44	J, B	4.9	0.30	ug/L	1.00	05/29/10 16:11	JLG	10E1815	8270C
Di-n-octyl phthalate	ND		4.9	0.46	ug/L	1.00	05/29/10 16:11	JLG	10E1815	8270C
Fluoranthene	ND		4.9	0.39	ug/L	1.00	05/29/10 16:11	JLG	10E1815	8270C
Fluorene	ND		4.9	0.35	ug/L	1.00	05/29/10 16:11	JLG	10E1815	8270C
Hexachlorobenzene	ND		4.9	0.50	ug/L	1.00	05/29/10 16:11	JLG	10E1815	8270C
Hexachlorobutadiene	ND		4.9	0.67	ug/L	1.00	05/29/10 16:11	JLG	10E1815	8270C
Hexachlorocyclopentadiene	ND		4.9	0.58	ug/L	1.00	05/29/10 16:11	JLG	10E1815	8270C
Hexachloroethane	ND		4.9	0.58	ug/L	1.00	05/29/10 16:11	JLG	10E1815	8270C
Indeno(1,2,3-cd)pyrene	ND		4.9	0.46	ug/L	1.00	05/29/10 16:11	JLG	10E1815	8270C
Isophorone	ND		4.9	0.42	ug/L	1.00	05/29/10 16:11	JLG	10E1815	8270C
Naphthalene	ND		4.9	0.75	ug/L	1.00	05/29/10 16:11	JLG	10E1815	8270C
Nitrobenzene	ND		4.9	0.28	ug/L	1.00	05/29/10 16:11	JLG	10E1815	8270C
N-Nitrosodi-n-propylamine	ND		4.9	0.53	ug/L	1.00	05/29/10 16:11	JLG	10E1815	8270C
N-Nitrosodiphenylamine	ND		4.9	0.50	ug/L	1.00	05/29/10 16:11	JLG	10E1815	8270C
Pentachlorophenol	ND		9.8	2.2	ug/L	1.00	05/29/10 16:11	JLG	10E1815	8270C
Phenanthrene	ND		4.9	0.43	ug/L	1.00	05/29/10 16:11	JLG	10E1815	8270C
Phenol	ND		4.9	0.38	ug/L	1.00	05/29/10 16:11	JLG	10E1815	8270C
Pyrene	ND		4.9	0.33	ug/L	1.00	05/29/10 16:11	JLG	10E1815	8270C

2,4,6-Tribromophenol	98 %		Surr Limits: (52-132%)				05/29/10 16:11	JLG	10E1815	8270C
2-Fluorobiphenyl	64 %		Surr Limits: (48-120%)				05/29/10 16:11	JLG	10E1815	8270C
2-Fluorophenol	26 %		Surr Limits: (20-120%)				05/29/10 16:11	JLG	10E1815	8270C
Nitrobenzene-d5	56 %		Surr Limits: (46-120%)				05/29/10 16:11	JLG	10E1815	8270C
Phenol-d5	21 %		Surr Limits: (16-120%)				05/29/10 16:11	JLG	10E1815	8270C
p-Terphenyl-d14	53 %		Surr Limits: (24-136%)				05/29/10 16:11	JLG	10E1815	8270C

Polychlorinated Biphenyls by EPA Method 8082

Aroclor 1016 [2C]	ND	QSU	0.49	0.17	ug/L	1.00	05/25/10 16:08	JxM	10E1920	8082
Aroclor 1221 [2C]	ND	QSU	0.49	0.17	ug/L	1.00	05/25/10 16:08	JxM	10E1920	8082
Aroclor 1232 [2C]	ND	QSU	0.49	0.17	ug/L	1.00	05/25/10 16:08	JxM	10E1920	8082
Aroclor 1242 [2C]	ND	QSU	0.49	0.17	ug/L	1.00	05/25/10 16:08	JxM	10E1920	8082
Aroclor 1248 [2C]	ND	QSU	0.49	0.17	ug/L	1.00	05/25/10 16:08	JxM	10E1920	8082
Aroclor 1254 [2C]	ND	QSU	0.49	0.25	ug/L	1.00	05/25/10 16:08	JxM	10E1920	8082
Aroclor 1260 [2C]	ND	QSU	0.49	0.25	ug/L	1.00	05/25/10 16:08	JxM	10E1920	8082

Decachlorobiphenyl [2C]	48 %	QSU	Surr Limits: (12-137%)				05/25/10 16:08	JxM	10E1920	8082
Tetrachloro-m-xylene [2C]	87 %	QSU	Surr Limits: (35-121%)				05/25/10 16:08	JxM	10E1920	8082

Total Metals by SW 846 Series Methods

Aluminum	2.24		0.200	NR	mg/L	1.00	05/25/10 06:22	DAN	10E1866	6010B
Antimony	ND		0.0200	NR	mg/L	1.00	05/25/10 06:22	DAN	10E1866	6010B
Arsenic	ND		0.0100	NR	mg/L	1.00	05/25/10 06:22	DAN	10E1866	6010B
Barium	0.0490		0.0020	NR	mg/L	1.00	05/25/10 06:22	DAN	10E1866	6010B

TestAmerica Buffalo - 10 Hazelwood Drive Amherst, NY 14228 tel 716-691-2600 fax 716-691-7991

www.testamericainc.com

23/1258

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTE1137

Project: Commerce Square: Site# E932141

Project Number: E932141

Received: 05/21/10

Reported: 06/08/10 08:32

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTE1137-02 (BR-2 - Water) - cont.						Sampled: 05/21/10 12:30		Recvd: 05/21/10 16:30		
<u>Total Metals by SW 846 Series Methods - cont.</u>										
Beryllium	ND		0.0020	NR	mg/L	1.00	05/25/10 06:22	DAN	10E1866	6010B
Cadmium	ND		0.0010	NR	mg/L	1.00	05/25/10 06:22	DAN	10E1866	6010B
Calcium	71.4		0.5	NR	mg/L	1.00	05/25/10 06:22	DAN	10E1866	6010B
Chromium	0.0051		0.0040	NR	mg/L	1.00	05/25/10 06:22	DAN	10E1866	6010B
Cobalt	ND		0.0040	NR	mg/L	1.00	05/25/10 06:22	DAN	10E1866	6010B
Copper	0.0135		0.0100	NR	mg/L	1.00	05/25/10 06:22	DAN	10E1866	6010B
Iron	6.26		0.050	NR	mg/L	1.00	05/25/10 06:22	DAN	10E1866	6010B
Lead	ND		0.0050	NR	mg/L	1.00	05/25/10 06:22	DAN	10E1866	6010B
Magnesium	3.41		0.200	NR	mg/L	1.00	05/25/10 06:22	DAN	10E1866	6010B
Manganese	0.0852		0.0030	NR	mg/L	1.00	05/25/10 06:22	DAN	10E1866	6010B
Nickel	ND		0.0100	NR	mg/L	1.00	05/25/10 06:22	DAN	10E1866	6010B
Potassium	8.02		0.500	NR	mg/L	1.00	05/25/10 06:22	DAN	10E1866	6010B
Selenium	ND		0.0150	NR	mg/L	1.00	05/25/10 06:22	DAN	10E1866	6010B
Silver	ND		0.0030	NR	mg/L	1.00	05/25/10 06:22	DAN	10E1866	6010B
Sodium	38.8		1.0	NR	mg/L	1.00	05/25/10 06:22	DAN	10E1866	6010B
Thallium	ND		0.0200	NR	mg/L	1.00	05/25/10 06:22	DAN	10E1866	6010B
Vanadium	0.0083		0.0050	NR	mg/L	1.00	05/25/10 06:22	DAN	10E1866	6010B
Zinc	0.0218		0.0100	NR	mg/L	1.00	05/25/10 06:22	DAN	10E1866	6010B
Mercury	ND		0.0002	NR	mg/L	1.00	05/26/10 13:53	MXM	10E2007	7470A

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTE1137

Project: Commerce Square: Site# E932141

Project Number: E932141

Received: 05/21/10

Reported: 06/08/10 08:32

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
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Sample ID: RTE1137-02RE1 (BR-2 - Water)

Sampled: 05/21/10 12:30

Recvd: 05/21/10 16:30

Volatile Organic Compounds by EPA 8260B

cis-1,2-Dichloroethene	350	D08	4.0	3.2	ug/L	4.00	05/28/10 13:26	DHC	10E2324	8260B
Trichloroethene	130	D08	4.0	1.8	ug/L	4.00	05/28/10 13:26	DHC	10E2324	8260B

1,2-Dichloroethane-d4	103 %	D08	Surr Limits: (66-137%)				05/28/10 13:26	DHC	10E2324	8260B
4-Bromofluorobenzene	94 %	D08	Surr Limits: (73-120%)				05/28/10 13:26	DHC	10E2324	8260B
Toluene-d8	101 %	D08	Surr Limits: (71-126%)				05/28/10 13:26	DHC	10E2324	8260B

Semivolatile Organics by GC/MS

2,4,5-Trichlorophenol	ND	H4	4.9	0.47	ug/L	1.00	06/04/10 21:39	JLG	10F0222	8270C
2,4,6-Trichlorophenol	ND	H4	4.9	0.59	ug/L	1.00	06/04/10 21:39	JLG	10F0222	8270C
2,4-Dichlorophenol	ND	H4	4.9	0.50	ug/L	1.00	06/04/10 21:39	JLG	10F0222	8270C
2,4-Dimethylphenol	ND	H4	4.9	0.49	ug/L	1.00	06/04/10 21:39	JLG	10F0222	8270C
2,4-Dinitrophenol	ND	H4	9.7	2.2	ug/L	1.00	06/04/10 21:39	JLG	10F0222	8270C
2,4-Dinitrotoluene	ND	H4	4.9	0.43	ug/L	1.00	06/04/10 21:39	JLG	10F0222	8270C
2,6-Dinitrotoluene	ND	H4	4.9	0.39	ug/L	1.00	06/04/10 21:39	JLG	10F0222	8270C
2-Chloronaphthalene	ND	H4	4.9	0.45	ug/L	1.00	06/04/10 21:39	JLG	10F0222	8270C
2-Chlorophenol	ND	H4	4.9	0.51	ug/L	1.00	06/04/10 21:39	JLG	10F0222	8270C
2-Methylnaphthalene	ND	H4	4.9	0.58	ug/L	1.00	06/04/10 21:39	JLG	10F0222	8270C
2-Methylphenol	ND	H4	4.9	0.39	ug/L	1.00	06/04/10 21:39	JLG	10F0222	8270C
2-Nitroaniline	ND	H4	9.7	0.41	ug/L	1.00	06/04/10 21:39	JLG	10F0222	8270C
2-Nitrophenol	ND	H4	4.9	0.47	ug/L	1.00	06/04/10 21:39	JLG	10F0222	8270C
3,3'-Dichlorobenzidine	ND	H4	4.9	0.39	ug/L	1.00	06/04/10 21:39	JLG	10F0222	8270C
3-Nitroaniline	ND	H4	9.7	0.47	ug/L	1.00	06/04/10 21:39	JLG	10F0222	8270C
4,6-Dinitro-2-methylphenol	ND	H4	9.7	2.1	ug/L	1.00	06/04/10 21:39	JLG	10F0222	8270C
4-Bromophenyl phenyl ether	ND	H4	4.9	0.44	ug/L	1.00	06/04/10 21:39	JLG	10F0222	8270C
4-Chloro-3-methylphenol	ND	H4	4.9	0.44	ug/L	1.00	06/04/10 21:39	JLG	10F0222	8270C
4-Chloroaniline	ND	H4	4.9	0.57	ug/L	1.00	06/04/10 21:39	JLG	10F0222	8270C
4-Chlorophenyl phenyl ether	ND	H4	4.9	0.34	ug/L	1.00	06/04/10 21:39	JLG	10F0222	8270C
4-Methylphenol	ND	H4	9.7	0.35	ug/L	1.00	06/04/10 21:39	JLG	10F0222	8270C
4-Nitroaniline	ND	H4	9.7	0.24	ug/L	1.00	06/04/10 21:39	JLG	10F0222	8270C
4-Nitrophenol	ND	H4	9.7	1.5	ug/L	1.00	06/04/10 21:39	JLG	10F0222	8270C
Acenaphthene	ND	H4	4.9	0.40	ug/L	1.00	06/04/10 21:39	JLG	10F0222	8270C
Acenaphthylene	ND	H4	4.9	0.37	ug/L	1.00	06/04/10 21:39	JLG	10F0222	8270C
Acetophenone	ND	H4	4.9	0.52	ug/L	1.00	06/04/10 21:39	JLG	10F0222	8270C
Anthracene	ND	H4	4.9	0.27	ug/L	1.00	06/04/10 21:39	JLG	10F0222	8270C
Atrazine	ND	H4	4.9	0.45	ug/L	1.00	06/04/10 21:39	JLG	10F0222	8270C
Benzaldehyde	ND	H4	4.9	0.26	ug/L	1.00	06/04/10 21:39	JLG	10F0222	8270C
Benzo(a)anthracene	ND	H4	4.9	0.35	ug/L	1.00	06/04/10 21:39	JLG	10F0222	8270C
Benzo(a)pyrene	ND	H4	4.9	0.46	ug/L	1.00	06/04/10 21:39	JLG	10F0222	8270C
Benzo(b)fluoranthene	ND	H4	4.9	0.33	ug/L	1.00	06/04/10 21:39	JLG	10F0222	8270C
Benzo(ghi)perylene	ND	H4	4.9	0.34	ug/L	1.00	06/04/10 21:39	JLG	10F0222	8270C
Benzo(k)fluoranthene	ND	H4	4.9	0.71	ug/L	1.00	06/04/10 21:39	JLG	10F0222	8270C
Biphenyl	ND	H4	4.9	0.63	ug/L	1.00	06/04/10 21:39	JLG	10F0222	8270C
Bis(2-chloroethoxy)methane	ND	H4	4.9	0.34	ug/L	1.00	06/04/10 21:39	JLG	10F0222	8270C
Bis(2-chloroethyl)ether	ND	H4	4.9	0.39	ug/L	1.00	06/04/10 21:39	JLG	10F0222	8270C
2,2'-Oxybis(1-Chloropropene)	ND	H4	4.9	0.50	ug/L	1.00	06/04/10 21:39	JLG	10F0222	8270C

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
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Work Order: RTE1137

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Reported: 06/08/10 08:32

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTE1137-02RE1 (BR-2 - Water) - cont.						Sampled: 05/21/10 12:30		Recvd: 05/21/10 16:30		
<u>Semivolatile Organics by GC/MS - cont.</u>										
Bis(2-ethylhexyl) phthalate	2.0	H4,J	4.9	1.7	ug/L	1.00	06/04/10 21:39	JLG	10F0222	8270C
Butyl benzyl phthalate	ND	H4	4.9	0.41	ug/L	1.00	06/04/10 21:39	JLG	10F0222	8270C
Caprolactam	ND	H4	4.9	2.1	ug/L	1.00	06/04/10 21:39	JLG	10F0222	8270C
Carbazole	ND	H4	4.9	0.29	ug/L	1.00	06/04/10 21:39	JLG	10F0222	8270C
Chrysene	ND	H4	4.9	0.32	ug/L	1.00	06/04/10 21:39	JLG	10F0222	8270C
Dibenzo(a,h)anthracene	ND	H4	4.9	0.41	ug/L	1.00	06/04/10 21:39	JLG	10F0222	8270C
Dibenzofuran	ND	H4	9.7	0.50	ug/L	1.00	06/04/10 21:39	JLG	10F0222	8270C
Diethyl phthalate	ND	H4	4.9	0.21	ug/L	1.00	06/04/10 21:39	JLG	10F0222	8270C
Dimethyl phthalate	ND	H4	4.9	0.35	ug/L	1.00	06/04/10 21:39	JLG	10F0222	8270C
Di-n-butyl phthalate	ND	H4	4.9	0.30	ug/L	1.00	06/04/10 21:39	JLG	10F0222	8270C
Di-n-octyl phthalate	ND	H4	4.9	0.46	ug/L	1.00	06/04/10 21:39	JLG	10F0222	8270C
Fluoranthene	ND	H4	4.9	0.39	ug/L	1.00	06/04/10 21:39	JLG	10F0222	8270C
Fluorene	ND	H4	4.9	0.35	ug/L	1.00	06/04/10 21:39	JLG	10F0222	8270C
Hexachlorobenzene	ND	H4	4.9	0.50	ug/L	1.00	06/04/10 21:39	JLG	10F0222	8270C
Hexachlorobutadiene	ND	H4	4.9	0.66	ug/L	1.00	06/04/10 21:39	JLG	10F0222	8270C
Hexachlorocyclopentadiene	ND	H4	4.9	0.57	ug/L	1.00	06/04/10 21:39	JLG	10F0222	8270C
Hexachloroethane	ND	H4	4.9	0.57	ug/L	1.00	06/04/10 21:39	JLG	10F0222	8270C
Indeno(1,2,3-cd)pyrene	ND	H4	4.9	0.46	ug/L	1.00	06/04/10 21:39	JLG	10F0222	8270C
Isophorone	ND	H4	4.9	0.42	ug/L	1.00	06/04/10 21:39	JLG	10F0222	8270C
Naphthalene	ND	H4	4.9	0.74	ug/L	1.00	06/04/10 21:39	JLG	10F0222	8270C
Nitrobenzene	ND	H4	4.9	0.28	ug/L	1.00	06/04/10 21:39	JLG	10F0222	8270C
N-Nitrosodi-n-propylamine	ND	H4	4.9	0.52	ug/L	1.00	06/04/10 21:39	JLG	10F0222	8270C
N-Nitrosodiphenylamine	ND	H4	4.9	0.50	ug/L	1.00	06/04/10 21:39	JLG	10F0222	8270C
Pentachlorophenol	ND	H4	9.7	2.1	ug/L	1.00	06/04/10 21:39	JLG	10F0222	8270C
Phenanthrene	ND	H4	4.9	0.43	ug/L	1.00	06/04/10 21:39	JLG	10F0222	8270C
Phenol	ND	H4	4.9	0.38	ug/L	1.00	06/04/10 21:39	JLG	10F0222	8270C
Pyrene	ND	H4	4.9	0.33	ug/L	1.00	06/04/10 21:39	JLG	10F0222	8270C
2,4,6-Tribromophenol	107 %	H4	Surr Limits: (52-132%)				06/04/10 21:39	JLG	10F0222	8270C
2-Fluorobiphenyl	92 %	H4	Surr Limits: (48-120%)				06/04/10 21:39	JLG	10F0222	8270C
2-Fluorophenol	37 %	H4	Surr Limits: (20-120%)				06/04/10 21:39	JLG	10F0222	8270C
Nitrobenzene-d5	82 %	H4	Surr Limits: (46-120%)				06/04/10 21:39	JLG	10F0222	8270C
Phenol-d5	28 %	H4	Surr Limits: (16-120%)				06/04/10 21:39	JLG	10F0222	8270C
p-Terphenyl-d14	66 %	H4	Surr Limits: (24-136%)				06/04/10 21:39	JLG	10F0222	8270C

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTE1137

Project: Commerce Square: Site# E932141

Project Number: E932141

Received: 05/21/10

Reported: 06/08/10 08:32

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTE1137-03 (BR-3 - Water)						Sampled: 05/21/10 13:30		Recvd: 05/21/10 16:30		
<u>Volatile Organic Compounds by EPA 8260B</u>										
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L	1.00	05/27/10 16:02	DHC	10E2196	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	05/27/10 16:02	DHC	10E2196	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	05/27/10 16:02	DHC	10E2196	8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L	1.00	05/27/10 16:02	DHC	10E2196	8260B
1,1-Dichloroethane	3.2		1.0	0.38	ug/L	1.00	05/27/10 16:02	DHC	10E2196	8260B
1,1-Dichloroethene	3.3		1.0	0.29	ug/L	1.00	05/27/10 16:02	DHC	10E2196	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	05/27/10 16:02	DHC	10E2196	8260B
1,2-Dibromo-3-chloropropane	ND		1.0	0.39	ug/L	1.00	05/27/10 16:02	DHC	10E2196	8260B
1,2-Dibromoethane	ND		1.0	0.73	ug/L	1.00	05/27/10 16:02	DHC	10E2196	8260B
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L	1.00	05/27/10 16:02	DHC	10E2196	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	05/27/10 16:02	DHC	10E2196	8260B
1,2-Dichloropropane	ND		1.0	0.72	ug/L	1.00	05/27/10 16:02	DHC	10E2196	8260B
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L	1.00	05/27/10 16:02	DHC	10E2196	8260B
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L	1.00	05/27/10 16:02	DHC	10E2196	8260B
2-Butanone	ND		5.0	1.3	ug/L	1.00	05/27/10 16:02	DHC	10E2196	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	05/27/10 16:02	DHC	10E2196	8260B
4-Methyl-2-pentanone	ND		5.0	2.1	ug/L	1.00	05/27/10 16:02	DHC	10E2196	8260B
Acetone	6.9		5.0	3.0	ug/L	1.00	05/27/10 16:02	DHC	10E2196	8260B
Benzene	41		1.0	0.41	ug/L	1.00	05/27/10 16:02	DHC	10E2196	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	05/27/10 16:02	DHC	10E2196	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	05/27/10 16:02	DHC	10E2196	8260B
Bromomethane	ND		1.0	0.69	ug/L	1.00	05/27/10 16:02	DHC	10E2196	8260B
Carbon disulfide	ND		1.0	0.19	ug/L	1.00	05/27/10 16:02	DHC	10E2196	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	05/27/10 16:02	DHC	10E2196	8260B
Chlorobenzene	ND		1.0	0.75	ug/L	1.00	05/27/10 16:02	DHC	10E2196	8260B
Dibromochloromethane	ND		1.0	0.32	ug/L	1.00	05/27/10 16:02	DHC	10E2196	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	05/27/10 16:02	DHC	10E2196	8260B
Chloroform	1.2		1.0	0.34	ug/L	1.00	05/27/10 16:02	DHC	10E2196	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	05/27/10 16:02	DHC	10E2196	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	05/27/10 16:02	DHC	10E2196	8260B
Cyclohexane	2.1		1.0	0.18	ug/L	1.00	05/27/10 16:02	DHC	10E2196	8260B
Dichlorodifluoromethane	ND		1.0	0.68	ug/L	1.00	05/27/10 16:02	DHC	10E2196	8260B
Ethylbenzene	3.0		1.0	0.74	ug/L	1.00	05/27/10 16:02	DHC	10E2196	8260B
Isopropylbenzene	ND		1.0	0.79	ug/L	1.00	05/27/10 16:02	DHC	10E2196	8260B
Methyl Acetate	ND		1.0	0.50	ug/L	1.00	05/27/10 16:02	DHC	10E2196	8260B
Methyl-t-Butyl Ether (MTBE)	0.70	J	1.0	0.16	ug/L	1.00	05/27/10 16:02	DHC	10E2196	8260B
Methylcyclohexane	3.0		1.0	0.16	ug/L	1.00	05/27/10 16:02	DHC	10E2196	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	05/27/10 16:02	DHC	10E2196	8260B
Styrene	ND		1.0	0.73	ug/L	1.00	05/27/10 16:02	DHC	10E2196	8260B
Tetrachloroethene	91		1.0	0.36	ug/L	1.00	05/27/10 16:02	DHC	10E2196	8260B
Toluene	21		1.0	0.51	ug/L	1.00	05/27/10 16:02	DHC	10E2196	8260B
trans-1,2-Dichloroethene	26		1.0	0.90	ug/L	1.00	05/27/10 16:02	DHC	10E2196	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	05/27/10 16:02	DHC	10E2196	8260B
Trichlorofluoromethane	ND		1.0	0.88	ug/L	1.00	05/27/10 16:02	DHC	10E2196	8260B
Vinyl chloride	27		1.0	0.90	ug/L	1.00	05/27/10 16:02	DHC	10E2196	8260B
Xylenes, total	14		2.0	0.66	ug/L	1.00	05/27/10 16:02	DHC	10E2196	8260B

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTE1137

Project: Commerce Square: Site# E932141

Project Number: E932141

Received: 05/21/10

Reported: 06/08/10 08:32

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
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Sample ID: RTE1137-03 (BR-3 - Water) - cont.

Sampled: 05/21/10 13:30

Recvd: 05/21/10 16:30

Volatile Organic Compounds by EPA 8260B - cont.

1,2-Dichloroethane-d4	99 %			Surr Limits: (66-137%)			05/27/10 16:02	DHC	10E2196	8260B
4-Bromofluorobenzene	111 %			Surr Limits: (73-120%)			05/27/10 16:02	DHC	10E2196	8260B
Toluene-d8	103 %			Surr Limits: (71-126%)			05/27/10 16:02	DHC	10E2196	8260B

Semivolatile Organics by GC/MS

2,4,5-Trichlorophenol	ND		4.9	0.47	ug/L	1.00	05/29/10 16:34	JLG	10E1815	8270C
2,4,6-Trichlorophenol	ND		4.9	0.60	ug/L	1.00	05/29/10 16:34	JLG	10E1815	8270C
2,4-Dichlorophenol	ND		4.9	0.50	ug/L	1.00	05/29/10 16:34	JLG	10E1815	8270C
2,4-Dimethylphenol	ND		4.9	0.49	ug/L	1.00	05/29/10 16:34	JLG	10E1815	8270C
2,4-Dinitrophenol	ND		9.8	2.2	ug/L	1.00	05/29/10 16:34	JLG	10E1815	8270C
2,4-Dinitrotoluene	ND		4.9	0.44	ug/L	1.00	05/29/10 16:34	JLG	10E1815	8270C
2,6-Dinitrotoluene	ND		4.9	0.39	ug/L	1.00	05/29/10 16:34	JLG	10E1815	8270C
2-Chloronaphthalene	ND		4.9	0.45	ug/L	1.00	05/29/10 16:34	JLG	10E1815	8270C
2-Chlorophenol	ND	L4	4.9	0.52	ug/L	1.00	05/29/10 16:34	JLG	10E1815	8270C
2-Methylnaphthalene	ND		4.9	0.59	ug/L	1.00	05/29/10 16:34	JLG	10E1815	8270C
2-Methylphenol	ND		4.9	0.39	ug/L	1.00	05/29/10 16:34	JLG	10E1815	8270C
2-Nitroaniline	ND		9.8	0.41	ug/L	1.00	05/29/10 16:34	JLG	10E1815	8270C
2-Nitrophenol	ND		4.9	0.47	ug/L	1.00	05/29/10 16:34	JLG	10E1815	8270C
3,3'-Dichlorobenzidine	ND		4.9	0.39	ug/L	1.00	05/29/10 16:34	JLG	10E1815	8270C
3-Nitroaniline	ND		9.8	0.47	ug/L	1.00	05/29/10 16:34	JLG	10E1815	8270C
4,6-Dinitro-2-methylphenol	ND		9.8	2.2	ug/L	1.00	05/29/10 16:34	JLG	10E1815	8270C
4-Bromophenyl phenyl ether	ND		4.9	0.44	ug/L	1.00	05/29/10 16:34	JLG	10E1815	8270C
4-Chloro-3-methylphenol	ND	L4	4.9	0.44	ug/L	1.00	05/29/10 16:34	JLG	10E1815	8270C
4-Chloroaniline	ND		4.9	0.58	ug/L	1.00	05/29/10 16:34	JLG	10E1815	8270C
4-Chlorophenyl phenyl ether	ND		4.9	0.34	ug/L	1.00	05/29/10 16:34	JLG	10E1815	8270C
4-Methylphenol	ND		9.8	0.35	ug/L	1.00	05/29/10 16:34	JLG	10E1815	8270C
4-Nitroaniline	ND		9.8	0.25	ug/L	1.00	05/29/10 16:34	JLG	10E1815	8270C
4-Nitrophenol	ND		9.8	1.5	ug/L	1.00	05/29/10 16:34	JLG	10E1815	8270C
Acenaphthene	ND	L4	4.9	0.40	ug/L	1.00	05/29/10 16:34	JLG	10E1815	8270C
Acenaphthylene	ND		4.9	0.37	ug/L	1.00	05/29/10 16:34	JLG	10E1815	8270C
Acetophenone	ND		4.9	0.53	ug/L	1.00	05/29/10 16:34	JLG	10E1815	8270C
Anthracene	0.66	J	4.9	0.27	ug/L	1.00	05/29/10 16:34	JLG	10E1815	8270C
Atrazine	ND		4.9	0.45	ug/L	1.00	05/29/10 16:34	JLG	10E1815	8270C
Benzaldehyde	ND		4.9	0.26	ug/L	1.00	05/29/10 16:34	JLG	10E1815	8270C
Benzo(a)anthracene	1.8	J	4.9	0.35	ug/L	1.00	05/29/10 16:34	JLG	10E1815	8270C
Benzo(a)pyrene	1.7	J	4.9	0.46	ug/L	1.00	05/29/10 16:34	JLG	10E1815	8270C
Benzo(b)fluoranthene	1.8	J	4.9	0.33	ug/L	1.00	05/29/10 16:34	JLG	10E1815	8270C
Benzo(ghi)perylene	1.1	J	4.9	0.34	ug/L	1.00	05/29/10 16:34	JLG	10E1815	8270C
Benzo(k)fluoranthene	0.80	J	4.9	0.72	ug/L	1.00	05/29/10 16:34	JLG	10E1815	8270C
Biphenyl	ND		4.9	0.64	ug/L	1.00	05/29/10 16:34	JLG	10E1815	8270C
Bis(2-chloroethoxy)methane	ND		4.9	0.34	ug/L	1.00	05/29/10 16:34	JLG	10E1815	8270C
Bis(2-chloroethyl)ether	ND		4.9	0.39	ug/L	1.00	05/29/10 16:34	JLG	10E1815	8270C
2,2'-Oxybis(1-Chloropropene)	ND		4.9	0.51	ug/L	1.00	05/29/10 16:34	JLG	10E1815	8270C
Bis(2-ethylhexyl)phthalate	ND		4.9	1.8	ug/L	1.00	05/29/10 16:34	JLG	10E1815	8270C
Butyl benzyl phthalate	ND		4.9	0.41	ug/L	1.00	05/29/10 16:34	JLG	10E1815	8270C

TestAmerica Buffalo - 10 Hazelwood Drive Amherst, NY 14228 tel 716-691-2600 fax 716-691-7991

www.testamericainc.com

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTE1137

Project: Commerce Square: Site# E932141

Project Number: E932141

Received: 05/21/10

Reported: 06/08/10 08:32

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
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Sample ID: RTE1137-03 (BR-3 - Water) - cont.

Sampled: 05/21/10 13:30

Recvd: 05/21/10 16:30

Semivolatile Organics by GC/MS - cont.

Caprolactam	ND		4.9	2.2	ug/L	1.00	05/29/10 16:34	JLG	10E1815	8270C
Carbazole	0.54	J	4.9	0.29	ug/L	1.00	05/29/10 16:34	JLG	10E1815	8270C
Chrysene	1.5	J	4.9	0.32	ug/L	1.00	05/29/10 16:34	JLG	10E1815	8270C
Dibenzo(a,h)anthracene	ND		4.9	0.41	ug/L	1.00	05/29/10 16:34	JLG	10E1815	8270C
Dibenzofuran	ND		9.8	0.50	ug/L	1.00	05/29/10 16:34	JLG	10E1815	8270C
Diethyl phthalate	0.33	J	4.9	0.22	ug/L	1.00	05/29/10 16:34	JLG	10E1815	8270C
Dimethyl phthalate	ND		4.9	0.35	ug/L	1.00	05/29/10 16:34	JLG	10E1815	8270C
Di-n-butyl phthalate	0.30	J, B	4.9	0.30	ug/L	1.00	05/29/10 16:34	JLG	10E1815	8270C
Di-n-octyl phthalate	ND		4.9	0.46	ug/L	1.00	05/29/10 16:34	JLG	10E1815	8270C
Fluoranthene	4.4	J	4.9	0.39	ug/L	1.00	05/29/10 16:34	JLG	10E1815	8270C
Fluorene	ND		4.9	0.35	ug/L	1.00	05/29/10 16:34	JLG	10E1815	8270C
Hexachlorobenzene	ND		4.9	0.50	ug/L	1.00	05/29/10 16:34	JLG	10E1815	8270C
Hexachlorobutadiene	ND		4.9	0.67	ug/L	1.00	05/29/10 16:34	JLG	10E1815	8270C
Hexachlorocyclopentadiene	ND		4.9	0.58	ug/L	1.00	05/29/10 16:34	JLG	10E1815	8270C
Hexachloroethane	ND		4.9	0.58	ug/L	1.00	05/29/10 16:34	JLG	10E1815	8270C
Indeno(1,2,3-cd)pyrene	0.88	J	4.9	0.46	ug/L	1.00	05/29/10 16:34	JLG	10E1815	8270C
Isophorone	ND		4.9	0.42	ug/L	1.00	05/29/10 16:34	JLG	10E1815	8270C
Naphthalene	ND		4.9	0.75	ug/L	1.00	05/29/10 16:34	JLG	10E1815	8270C
Nitrobenzene	ND		4.9	0.28	ug/L	1.00	05/29/10 16:34	JLG	10E1815	8270C
N-Nitrosodi-n-propylamine	ND		4.9	0.53	ug/L	1.00	05/29/10 16:34	JLG	10E1815	8270C
N-Nitrosodiphenylamine	ND		4.9	0.50	ug/L	1.00	05/29/10 16:34	JLG	10E1815	8270C
Pentachlorophenol	ND		9.8	2.2	ug/L	1.00	05/29/10 16:34	JLG	10E1815	8270C
Phenanthrene	3.4	J	4.9	0.43	ug/L	1.00	05/29/10 16:34	JLG	10E1815	8270C
Phenol	ND		4.9	0.38	ug/L	1.00	05/29/10 16:34	JLG	10E1815	8270C
Pyrene	3.4	J	4.9	0.33	ug/L	1.00	05/29/10 16:34	JLG	10E1815	8270C

2,4,6-Tribromophenol	100 %		Surr Limits: (52-132%)				05/29/10 16:34	JLG	10E1815	8270C
2-Fluorobiphenyl	83 %		Surr Limits: (48-120%)				05/29/10 16:34	JLG	10E1815	8270C
2-Fluorophenol	33 %		Surr Limits: (20-120%)				05/29/10 16:34	JLG	10E1815	8270C
Nitrobenzene-d5	75 %		Surr Limits: (46-120%)				05/29/10 16:34	JLG	10E1815	8270C
Phenol-d5	27 %		Surr Limits: (16-120%)				05/29/10 16:34	JLG	10E1815	8270C
p-Terphenyl-d14	47 %		Surr Limits: (24-136%)				05/29/10 16:34	JLG	10E1815	8270C

Polychlorinated Biphenyls by EPA Method 8082

Aroclor 1016 [2C]	ND	QSU	0.53	0.19	ug/L	1.00	05/25/10 16:24	JxM	10E1920	8082
Aroclor 1221 [2C]	ND	QSU	0.53	0.19	ug/L	1.00	05/25/10 16:24	JxM	10E1920	8082
Aroclor 1232 [2C]	ND	QSU	0.53	0.19	ug/L	1.00	05/25/10 16:24	JxM	10E1920	8082
Aroclor 1242 [2C]	ND	QSU	0.53	0.19	ug/L	1.00	05/25/10 16:24	JxM	10E1920	8082
Aroclor 1248 [2C]	ND	QSU	0.53	0.19	ug/L	1.00	05/25/10 16:24	JxM	10E1920	8082
Aroclor 1254 [2C]	ND	QSU	0.53	0.26	ug/L	1.00	05/25/10 16:24	JxM	10E1920	8082
Aroclor 1260 [2C]	ND	QSU	0.53	0.26	ug/L	1.00	05/25/10 16:24	JxM	10E1920	8082

Decachlorobiphenyl [2C]	55 %	QSU	Surr Limits: (12-137%)				05/25/10 16:24	JxM	10E1920	8082
Tetrachloro-m-xylene [2C]	88 %	QSU	Surr Limits: (35-121%)				05/25/10 16:24	JxM	10E1920	8082

Total Metals by SW 846 Series Methods

Aluminum	2.69		0.200	NR	mg/L	1.00	05/25/10 06:26	DAN	10E1866	6010B
Antimony	ND		0.0200	NR	mg/L	1.00	05/25/10 06:26	DAN	10E1866	6010B
Arsenic	0.0109		0.0100	NR	mg/L	1.00	05/25/10 06:26	DAN	10E1866	6010B

TestAmerica Buffalo - 10 Hazelwood Drive Amherst, NY 14228 tel 716-691-2600 fax 716-691-7991

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29/1258

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTE1137

Project: Commerce Square: Site# E932141

Project Number: E932141

Received: 05/21/10

Reported: 06/08/10 08:32

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTE1137-03 (BR-3 - Water) - cont.					Sampled: 05/21/10 13:30			Recvd: 05/21/10 16:30		
<u>Total Metals by SW 846 Series Methods - cont.</u>										
Barium	0.125		0.0020	NR	mg/L	1.00	05/25/10 06:26	DAN	10E1866	6010B
Beryllium	ND		0.0020	NR	mg/L	1.00	05/25/10 06:26	DAN	10E1866	6010B
Cadmium	ND		0.0010	NR	mg/L	1.00	05/25/10 06:26	DAN	10E1866	6010B
Calcium	216		0.5	NR	mg/L	1.00	05/25/10 06:26	DAN	10E1866	6010B
Chromium	0.0135		0.0040	NR	mg/L	1.00	05/25/10 06:26	DAN	10E1866	6010B
Cobalt	ND		0.0040	NR	mg/L	1.00	05/25/10 06:26	DAN	10E1866	6010B
Copper	ND		0.0100	NR	mg/L	1.00	05/25/10 06:26	DAN	10E1866	6010B
Iron	3.49		0.050	NR	mg/L	1.00	05/25/10 06:26	DAN	10E1866	6010B
Lead	0.0053		0.0050	NR	mg/L	1.00	05/25/10 06:26	DAN	10E1866	6010B
Magnesium	49.2		0.200	NR	mg/L	1.00	05/25/10 06:26	DAN	10E1866	6010B
Manganese	0.166		0.0030	NR	mg/L	1.00	05/25/10 06:26	DAN	10E1866	6010B
Nickel	ND		0.0100	NR	mg/L	1.00	05/25/10 06:26	DAN	10E1866	6010B
Potassium	7.52		0.500	NR	mg/L	1.00	05/25/10 06:26	DAN	10E1866	6010B
Selenium	ND		0.0150	NR	mg/L	1.00	05/25/10 06:26	DAN	10E1866	6010B
Silver	ND		0.0030	NR	mg/L	1.00	05/25/10 06:26	DAN	10E1866	6010B
Sodium	127		1.0	NR	mg/L	1.00	05/25/10 06:26	DAN	10E1866	6010B
Thallium	ND		0.0200	NR	mg/L	1.00	05/25/10 06:26	DAN	10E1866	6010B
Vanadium	0.0076		0.0050	NR	mg/L	1.00	05/25/10 06:26	DAN	10E1866	6010B
Zinc	0.0191		0.0100	NR	mg/L	1.00	05/25/10 06:26	DAN	10E1866	6010B
Mercury	ND		0.0002	NR	mg/L	1.00	05/26/10 13:55	MXM	10E2007	7470A

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTE1137

Project: Commerce Square: Site# E932141

Project Number: E932141

Received: 05/21/10

Reported: 06/08/10 08:32

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
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Sample ID: RTE1137-03RE1 (BR-3 - Water)

Sampled: 05/21/10 13:30

Recvd: 05/21/10 16:30

Volatile Organic Compounds by EPA 8260B

cis-1,2-Dichloroethene	640	D08	80	65	ug/L	80.0	05/29/10 11:01	DHC	10E2433	8260B
Trichloroethene	3900	D08	80	37	ug/L	80.0	05/29/10 11:01	DHC	10E2433	8260B

1,2-Dichloroethane-d4	104 %	D08	Surr Limits: (66-137%)				05/29/10 11:01	DHC	10E2433	8260B
4-Bromofluorobenzene	95 %	D08	Surr Limits: (73-120%)				05/29/10 11:01	DHC	10E2433	8260B
Toluene-d8	102 %	D08	Surr Limits: (71-126%)				05/29/10 11:01	DHC	10E2433	8260B

Semivolatile Organics by GC/MS

2,4,5-Trichlorophenol	ND	H4	4.9	0.47	ug/L	1.00	06/04/10 22:02	JLG	10F0222	8270C
2,4,6-Trichlorophenol	ND	H4	4.9	0.60	ug/L	1.00	06/04/10 22:02	JLG	10F0222	8270C
2,4-Dichlorophenol	ND	H4	4.9	0.50	ug/L	1.00	06/04/10 22:02	JLG	10F0222	8270C
2,4-Dimethylphenol	ND	H4	4.9	0.49	ug/L	1.00	06/04/10 22:02	JLG	10F0222	8270C
2,4-Dinitrophenol	ND	H4	9.8	2.2	ug/L	1.00	06/04/10 22:02	JLG	10F0222	8270C
2,4-Dinitrotoluene	ND	H4	4.9	0.44	ug/L	1.00	06/04/10 22:02	JLG	10F0222	8270C
2,6-Dinitrotoluene	ND	H4	4.9	0.39	ug/L	1.00	06/04/10 22:02	JLG	10F0222	8270C
2-Chloronaphthalene	ND	H4	4.9	0.45	ug/L	1.00	06/04/10 22:02	JLG	10F0222	8270C
2-Chlorophenol	ND	H4	4.9	0.52	ug/L	1.00	06/04/10 22:02	JLG	10F0222	8270C
2-Methylnaphthalene	ND	H4	4.9	0.59	ug/L	1.00	06/04/10 22:02	JLG	10F0222	8270C
2-Methylphenol	ND	H4	4.9	0.39	ug/L	1.00	06/04/10 22:02	JLG	10F0222	8270C
2-Nitroaniline	ND	H4	9.8	0.41	ug/L	1.00	06/04/10 22:02	JLG	10F0222	8270C
2-Nitrophenol	ND	H4	4.9	0.47	ug/L	1.00	06/04/10 22:02	JLG	10F0222	8270C
3,3'-Dichlorobenzidine	ND	H4	4.9	0.39	ug/L	1.00	06/04/10 22:02	JLG	10F0222	8270C
3-Nitroaniline	ND	H4	9.8	0.47	ug/L	1.00	06/04/10 22:02	JLG	10F0222	8270C
4,6-Dinitro-2-methylphenol	ND	H4	9.8	2.2	ug/L	1.00	06/04/10 22:02	JLG	10F0222	8270C
4-Bromophenyl phenyl ether	ND	H4	4.9	0.44	ug/L	1.00	06/04/10 22:02	JLG	10F0222	8270C
4-Chloro-3-methylphenol	ND	H4	4.9	0.44	ug/L	1.00	06/04/10 22:02	JLG	10F0222	8270C
4-Chloroaniline	ND	H4	4.9	0.58	ug/L	1.00	06/04/10 22:02	JLG	10F0222	8270C
4-Chlorophenyl phenyl ether	ND	H4	4.9	0.34	ug/L	1.00	06/04/10 22:02	JLG	10F0222	8270C
4-Methylphenol	ND	H4	9.8	0.35	ug/L	1.00	06/04/10 22:02	JLG	10F0222	8270C
4-Nitroaniline	ND	H4	9.8	0.25	ug/L	1.00	06/04/10 22:02	JLG	10F0222	8270C
4-Nitrophenol	ND	H4	9.8	1.5	ug/L	1.00	06/04/10 22:02	JLG	10F0222	8270C
Acenaphthene	ND	H4	4.9	0.40	ug/L	1.00	06/04/10 22:02	JLG	10F0222	8270C
Acenaphthylene	ND	H4	4.9	0.37	ug/L	1.00	06/04/10 22:02	JLG	10F0222	8270C
Acetophenone	ND	H4	4.9	0.53	ug/L	1.00	06/04/10 22:02	JLG	10F0222	8270C
Anthracene	ND	H4	4.9	0.27	ug/L	1.00	06/04/10 22:02	JLG	10F0222	8270C
Atrazine	ND	H4	4.9	0.45	ug/L	1.00	06/04/10 22:02	JLG	10F0222	8270C
Benzaldehyde	ND	H4	4.9	0.26	ug/L	1.00	06/04/10 22:02	JLG	10F0222	8270C
Benzo(a)anthracene	0.44	H4,J	4.9	0.35	ug/L	1.00	06/04/10 22:02	JLG	10F0222	8270C
Benzo(a)pyrene	ND	H4	4.9	0.46	ug/L	1.00	06/04/10 22:02	JLG	10F0222	8270C
Benzo(b)fluoranthene	ND	H4	4.9	0.33	ug/L	1.00	06/04/10 22:02	JLG	10F0222	8270C
Benzo(ghi)perylene	ND	H4	4.9	0.34	ug/L	1.00	06/04/10 22:02	JLG	10F0222	8270C
Benzo(k)fluoranthene	ND	H4	4.9	0.72	ug/L	1.00	06/04/10 22:02	JLG	10F0222	8270C
Biphenyl	ND	H4	4.9	0.64	ug/L	1.00	06/04/10 22:02	JLG	10F0222	8270C
Bis(2-chloroethoxy)methane	ND	H4	4.9	0.34	ug/L	1.00	06/04/10 22:02	JLG	10F0222	8270C
Bis(2-chloroethyl)ether	ND	H4	4.9	0.39	ug/L	1.00	06/04/10 22:02	JLG	10F0222	8270C
2,2'-Oxybis(1-Chloropropane)	ND	H4	4.9	0.51	ug/L	1.00	06/04/10 22:02	JLG	10F0222	8270C

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTE1137

Project: Commerce Square: Site# E932141

Project Number: E932141

Received: 05/21/10

Reported: 06/08/10 08:32

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTE1137-03RE1 (BR-3 - Water) - cont.						Sampled: 05/21/10 13:30		Recvd: 05/21/10 16:30		
<u>Semivolatile Organics by GC/MS - cont.</u>										
Bis(2-ethylhexyl) phthalate	ND	H4	4.9	1.8	ug/L	1.00	06/04/10 22:02	JLG	10F0222	8270C
Butyl benzyl phthalate	ND	H4	4.9	0.41	ug/L	1.00	06/04/10 22:02	JLG	10F0222	8270C
Caprolactam	ND	H4	4.9	2.2	ug/L	1.00	06/04/10 22:02	JLG	10F0222	8270C
Carbazole	ND	H4	4.9	0.29	ug/L	1.00	06/04/10 22:02	JLG	10F0222	8270C
Chrysene	ND	H4	4.9	0.32	ug/L	1.00	06/04/10 22:02	JLG	10F0222	8270C
Dibenzo(a,h)anthracene	ND	H4	4.9	0.41	ug/L	1.00	06/04/10 22:02	JLG	10F0222	8270C
Dibenzofuran	ND	H4	9.8	0.50	ug/L	1.00	06/04/10 22:02	JLG	10F0222	8270C
Diethyl phthalate	ND	H4	4.9	0.22	ug/L	1.00	06/04/10 22:02	JLG	10F0222	8270C
Dimethyl phthalate	ND	H4	4.9	0.35	ug/L	1.00	06/04/10 22:02	JLG	10F0222	8270C
Di-n-butyl phthalate	ND	H4	4.9	0.30	ug/L	1.00	06/04/10 22:02	JLG	10F0222	8270C
Di-n-octyl phthalate	ND	H4	4.9	0.46	ug/L	1.00	06/04/10 22:02	JLG	10F0222	8270C
Fluoranthene	0.64	H4,J	4.9	0.39	ug/L	1.00	06/04/10 22:02	JLG	10F0222	8270C
Fluorene	ND	H4	4.9	0.35	ug/L	1.00	06/04/10 22:02	JLG	10F0222	8270C
Hexachlorobenzene	ND	H4	4.9	0.50	ug/L	1.00	06/04/10 22:02	JLG	10F0222	8270C
Hexachlorobutadiene	ND	H4	4.9	0.67	ug/L	1.00	06/04/10 22:02	JLG	10F0222	8270C
Hexachlorocyclopentadiene	ND	H4	4.9	0.58	ug/L	1.00	06/04/10 22:02	JLG	10F0222	8270C
Hexachloroethane	ND	H4	4.9	0.58	ug/L	1.00	06/04/10 22:02	JLG	10F0222	8270C
Indeno(1,2,3-cd)pyrene	ND	H4	4.9	0.46	ug/L	1.00	06/04/10 22:02	JLG	10F0222	8270C
Isophorone	ND	H4	4.9	0.42	ug/L	1.00	06/04/10 22:02	JLG	10F0222	8270C
Naphthalene	ND	H4	4.9	0.75	ug/L	1.00	06/04/10 22:02	JLG	10F0222	8270C
Nitrobenzene	ND	H4	4.9	0.28	ug/L	1.00	06/04/10 22:02	JLG	10F0222	8270C
N-Nitrosodi-n-propylamine	ND	H4	4.9	0.53	ug/L	1.00	06/04/10 22:02	JLG	10F0222	8270C
N-Nitrosodiphenylamine	ND	H4	4.9	0.50	ug/L	1.00	06/04/10 22:02	JLG	10F0222	8270C
Pentachlorophenol	ND	H4	9.8	2.2	ug/L	1.00	06/04/10 22:02	JLG	10F0222	8270C
Phenanthrene	0.46	H4,J	4.9	0.43	ug/L	1.00	06/04/10 22:02	JLG	10F0222	8270C
Phenol	ND	H4	4.9	0.38	ug/L	1.00	06/04/10 22:02	JLG	10F0222	8270C
Pyrene	0.57	H4,J	4.9	0.33	ug/L	1.00	06/04/10 22:02	JLG	10F0222	8270C
2,4,6-Tribromophenol	105 %	H4	Surr Limits: (52-132%)				06/04/10 22:02	JLG	10F0222	8270C
2-Fluorobiphenyl	89 %	H4	Surr Limits: (48-120%)				06/04/10 22:02	JLG	10F0222	8270C
2-Fluorophenol	36 %	H4	Surr Limits: (20-120%)				06/04/10 22:02	JLG	10F0222	8270C
Nitrobenzene-d5	80 %	H4	Surr Limits: (46-120%)				06/04/10 22:02	JLG	10F0222	8270C
Phenol-d5	28 %	H4	Surr Limits: (16-120%)				06/04/10 22:02	JLG	10F0222	8270C
p-Terphenyl-d14	52 %	H4	Surr Limits: (24-136%)				06/04/10 22:02	JLG	10F0222	8270C

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTE1137

Project: Commerce Square: Site# E932141

Project Number: E932141

Received: 05/21/10

Reported: 06/08/10 08:32

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTE1137-04 (BR-4 - Water)						Sampled: 05/21/10 14:20		Recvd: 05/21/10 16:30		
<u>Volatile Organic Compounds by EPA 8260B</u>										
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L	1.00	05/27/10 16:26	DHC	10E2196	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	05/27/10 16:26	DHC	10E2196	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	05/27/10 16:26	DHC	10E2196	8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L	1.00	05/27/10 16:26	DHC	10E2196	8260B
1,1-Dichloroethane	3.0		1.0	0.38	ug/L	1.00	05/27/10 16:26	DHC	10E2196	8260B
1,1-Dichloroethene	4.6		1.0	0.29	ug/L	1.00	05/27/10 16:26	DHC	10E2196	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	05/27/10 16:26	DHC	10E2196	8260B
1,2-Dibromo-3-chloropropane	ND		1.0	0.39	ug/L	1.00	05/27/10 16:26	DHC	10E2196	8260B
1,2-Dibromoethane	ND		1.0	0.73	ug/L	1.00	05/27/10 16:26	DHC	10E2196	8260B
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L	1.00	05/27/10 16:26	DHC	10E2196	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	05/27/10 16:26	DHC	10E2196	8260B
1,2-Dichloropropane	ND		1.0	0.72	ug/L	1.00	05/27/10 16:26	DHC	10E2196	8260B
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L	1.00	05/27/10 16:26	DHC	10E2196	8260B
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L	1.00	05/27/10 16:26	DHC	10E2196	8260B
2-Butanone	ND		5.0	1.3	ug/L	1.00	05/27/10 16:26	DHC	10E2196	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	05/27/10 16:26	DHC	10E2196	8260B
4-Methyl-2-pentanone	ND		5.0	2.1	ug/L	1.00	05/27/10 16:26	DHC	10E2196	8260B
Acetone	ND		5.0	3.0	ug/L	1.00	05/27/10 16:26	DHC	10E2196	8260B
Benzene	33		1.0	0.41	ug/L	1.00	05/27/10 16:26	DHC	10E2196	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	05/27/10 16:26	DHC	10E2196	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	05/27/10 16:26	DHC	10E2196	8260B
Bromomethane	ND		1.0	0.69	ug/L	1.00	05/27/10 16:26	DHC	10E2196	8260B
Carbon disulfide	ND		1.0	0.19	ug/L	1.00	05/27/10 16:26	DHC	10E2196	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	05/27/10 16:26	DHC	10E2196	8260B
Chlorobenzene	ND		1.0	0.75	ug/L	1.00	05/27/10 16:26	DHC	10E2196	8260B
Dibromochloromethane	ND		1.0	0.32	ug/L	1.00	05/27/10 16:26	DHC	10E2196	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	05/27/10 16:26	DHC	10E2196	8260B
Chloroform	ND		1.0	0.34	ug/L	1.00	05/27/10 16:26	DHC	10E2196	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	05/27/10 16:26	DHC	10E2196	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	05/27/10 16:26	DHC	10E2196	8260B
Cyclohexane	ND		1.0	0.18	ug/L	1.00	05/27/10 16:26	DHC	10E2196	8260B
Dichlorodifluoromethane	ND		1.0	0.68	ug/L	1.00	05/27/10 16:26	DHC	10E2196	8260B
Ethylbenzene	ND		1.0	0.74	ug/L	1.00	05/27/10 16:26	DHC	10E2196	8260B
Isopropylbenzene	ND		1.0	0.79	ug/L	1.00	05/27/10 16:26	DHC	10E2196	8260B
Methyl Acetate	ND		1.0	0.50	ug/L	1.00	05/27/10 16:26	DHC	10E2196	8260B
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.16	ug/L	1.00	05/27/10 16:26	DHC	10E2196	8260B
Methylcyclohexane	ND		1.0	0.16	ug/L	1.00	05/27/10 16:26	DHC	10E2196	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	05/27/10 16:26	DHC	10E2196	8260B
Styrene	ND		1.0	0.73	ug/L	1.00	05/27/10 16:26	DHC	10E2196	8260B
Tetrachloroethene	1.9		1.0	0.36	ug/L	1.00	05/27/10 16:26	DHC	10E2196	8260B
Toluene	ND		1.0	0.51	ug/L	1.00	05/27/10 16:26	DHC	10E2196	8260B
trans-1,2-Dichloroethene	89		1.0	0.90	ug/L	1.00	05/27/10 16:26	DHC	10E2196	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	05/27/10 16:26	DHC	10E2196	8260B
Trichlorofluoromethane	ND		1.0	0.88	ug/L	1.00	05/27/10 16:26	DHC	10E2196	8260B
Vinyl chloride	37		1.0	0.90	ug/L	1.00	05/27/10 16:26	DHC	10E2196	8260B
Xylenes, total	ND		2.0	0.66	ug/L	1.00	05/27/10 16:26	DHC	10E2196	8260B
1,2-Dichloroethane-d4	104 %		Surr Limits: (66-137%)				05/27/10 16:26	DHC	10E2196	8260B

TestAmerica Buffalo - 10 Hazelwood Drive Amherst, NY 14228 tel 716-691-2600 fax 716-691-7991

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33/1258

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTE1137

Project: Commerce Square: Site# E932141

Project Number: E932141

Received: 05/21/10

Reported: 06/08/10 08:32

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
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Sample ID: RTE1137-04 (BR-4 - Water) - cont.

Sampled: 05/21/10 14:20

Recvd: 05/21/10 16:30

Volatile Organic Compounds by EPA 8260B - cont.

4-Bromofluorobenzene	112 %			Surr Limits: (73-120%)			05/27/10 16:26	DHC	10E2196	8260B
Toluene-d8	105 %			Surr Limits: (71-126%)			05/27/10 16:26	DHC	10E2196	8260B

Semivolatile Organics by GC/MS

2,4,5-Trichlorophenol	ND		6.8	0.65	ug/L	1.00	05/29/10 16:56	JLG	10E1815	8270C
2,4,6-Trichlorophenol	ND		6.8	0.82	ug/L	1.00	05/29/10 16:56	JLG	10E1815	8270C
2,4-Dichlorophenol	ND		6.8	0.69	ug/L	1.00	05/29/10 16:56	JLG	10E1815	8270C
2,4-Dimethylphenol	ND		6.8	0.68	ug/L	1.00	05/29/10 16:56	JLG	10E1815	8270C
2,4-Dinitrophenol	ND		14	3.0	ug/L	1.00	05/29/10 16:56	JLG	10E1815	8270C
2,4-Dinitrotoluene	ND		6.8	0.60	ug/L	1.00	05/29/10 16:56	JLG	10E1815	8270C
2,6-Dinitrotoluene	ND		6.8	0.54	ug/L	1.00	05/29/10 16:56	JLG	10E1815	8270C
2-Chloronaphthalene	ND		6.8	0.62	ug/L	1.00	05/29/10 16:56	JLG	10E1815	8270C
2-Chlorophenol	ND	L4	6.8	0.72	ug/L	1.00	05/29/10 16:56	JLG	10E1815	8270C
2-Methylnaphthalene	ND		6.8	0.81	ug/L	1.00	05/29/10 16:56	JLG	10E1815	8270C
2-Methylphenol	ND		6.8	0.54	ug/L	1.00	05/29/10 16:56	JLG	10E1815	8270C
2-Nitroaniline	ND		14	0.57	ug/L	1.00	05/29/10 16:56	JLG	10E1815	8270C
2-Nitrophenol	ND		6.8	0.65	ug/L	1.00	05/29/10 16:56	JLG	10E1815	8270C
3,3'-Dichlorobenzidine	ND		6.8	0.54	ug/L	1.00	05/29/10 16:56	JLG	10E1815	8270C
3-Nitroaniline	ND		14	0.65	ug/L	1.00	05/29/10 16:56	JLG	10E1815	8270C
4,6-Dinitro-2-methylphenol	ND		14	3.0	ug/L	1.00	05/29/10 16:56	JLG	10E1815	8270C
4-Bromophenyl phenyl ether	ND		6.8	0.61	ug/L	1.00	05/29/10 16:56	JLG	10E1815	8270C
4-Chloro-3-methylphenol	ND	L4	6.8	0.61	ug/L	1.00	05/29/10 16:56	JLG	10E1815	8270C
4-Chloroaniline	ND		6.8	0.80	ug/L	1.00	05/29/10 16:56	JLG	10E1815	8270C
4-Chlorophenyl phenyl ether	ND		6.8	0.47	ug/L	1.00	05/29/10 16:56	JLG	10E1815	8270C
4-Methylphenol	ND		14	0.49	ug/L	1.00	05/29/10 16:56	JLG	10E1815	8270C
4-Nitroaniline	ND		14	0.34	ug/L	1.00	05/29/10 16:56	JLG	10E1815	8270C
4-Nitrophenol	ND		14	2.1	ug/L	1.00	05/29/10 16:56	JLG	10E1815	8270C
Acenaphthene	ND	L4	6.8	0.55	ug/L	1.00	05/29/10 16:56	JLG	10E1815	8270C
Acenaphthylene	ND		6.8	0.51	ug/L	1.00	05/29/10 16:56	JLG	10E1815	8270C
Acetophenone	ND		6.8	0.73	ug/L	1.00	05/29/10 16:56	JLG	10E1815	8270C
Anthracene	ND		6.8	0.38	ug/L	1.00	05/29/10 16:56	JLG	10E1815	8270C
Atrazine	ND		6.8	0.62	ug/L	1.00	05/29/10 16:56	JLG	10E1815	8270C
Benzaldehyde	ND		6.8	0.36	ug/L	1.00	05/29/10 16:56	JLG	10E1815	8270C
Benzo(a)anthracene	ND		6.8	0.49	ug/L	1.00	05/29/10 16:56	JLG	10E1815	8270C
Benzo(a)pyrene	ND		6.8	0.64	ug/L	1.00	05/29/10 16:56	JLG	10E1815	8270C
Benzo(b)fluoranthene	ND		6.8	0.46	ug/L	1.00	05/29/10 16:56	JLG	10E1815	8270C
Benzo(ghi)perylene	ND		6.8	0.47	ug/L	1.00	05/29/10 16:56	JLG	10E1815	8270C
Benzo(k)fluoranthene	ND		6.8	0.99	ug/L	1.00	05/29/10 16:56	JLG	10E1815	8270C
Biphenyl	ND		6.8	0.88	ug/L	1.00	05/29/10 16:56	JLG	10E1815	8270C
Bis(2-chloroethoxy)methane	ND		6.8	0.47	ug/L	1.00	05/29/10 16:56	JLG	10E1815	8270C
Bis(2-chloroethyl)ether	ND		6.8	0.54	ug/L	1.00	05/29/10 16:56	JLG	10E1815	8270C
2,2'-Oxybis(1-Chloropropylane)	ND		6.8	0.70	ug/L	1.00	05/29/10 16:56	JLG	10E1815	8270C
Bis(2-ethylhexyl)phthalate	3.1	J	6.8	2.4	ug/L	1.00	05/29/10 16:56	JLG	10E1815	8270C
Butyl benzyl phthalate	ND		6.8	0.57	ug/L	1.00	05/29/10 16:56	JLG	10E1815	8270C
Caprolactam	ND		6.8	3.0	ug/L	1.00	05/29/10 16:56	JLG	10E1815	8270C

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTE1137

Project: Commerce Square: Site# E932141

Project Number: E932141

Received: 05/21/10

Reported: 06/08/10 08:32

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
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Sample ID: RTE1137-04 (BR-4 - Water) - cont.

Sampled: 05/21/10 14:20

Recvd: 05/21/10 16:30

Semivolatile Organics by GC/MS - cont.

Carbazole	ND		6.8	0.41	ug/L	1.00	05/29/10 16:56	JLG	10E1815	8270C
Chrysene	ND		6.8	0.45	ug/L	1.00	05/29/10 16:56	JLG	10E1815	8270C
Dibenzo(a,h)anthracene	ND		6.8	0.57	ug/L	1.00	05/29/10 16:56	JLG	10E1815	8270C
Dibenzofuran	ND		14	0.69	ug/L	1.00	05/29/10 16:56	JLG	10E1815	8270C
Diethyl phthalate	ND		6.8	0.30	ug/L	1.00	05/29/10 16:56	JLG	10E1815	8270C
Dimethyl phthalate	ND		6.8	0.49	ug/L	1.00	05/29/10 16:56	JLG	10E1815	8270C
Di-n-butyl phthalate	0.81	J, B	6.8	0.42	ug/L	1.00	05/29/10 16:56	JLG	10E1815	8270C
Di-n-octyl phthalate	ND		6.8	0.64	ug/L	1.00	05/29/10 16:56	JLG	10E1815	8270C
Fluoranthene	ND		6.8	0.54	ug/L	1.00	05/29/10 16:56	JLG	10E1815	8270C
Fluorene	ND		6.8	0.49	ug/L	1.00	05/29/10 16:56	JLG	10E1815	8270C
Hexachlorobenzene	ND		6.8	0.69	ug/L	1.00	05/29/10 16:56	JLG	10E1815	8270C
Hexachlorobutadiene	ND		6.8	0.92	ug/L	1.00	05/29/10 16:56	JLG	10E1815	8270C
Hexachlorocyclopentadiene	ND		6.8	0.80	ug/L	1.00	05/29/10 16:56	JLG	10E1815	8270C
Hexachloroethane	ND		6.8	0.80	ug/L	1.00	05/29/10 16:56	JLG	10E1815	8270C
Indeno(1,2,3-cd)pyrene	ND		6.8	0.64	ug/L	1.00	05/29/10 16:56	JLG	10E1815	8270C
Isophorone	ND		6.8	0.58	ug/L	1.00	05/29/10 16:56	JLG	10E1815	8270C
Naphthalene	ND		6.8	1.0	ug/L	1.00	05/29/10 16:56	JLG	10E1815	8270C
Nitrobenzene	ND		6.8	0.39	ug/L	1.00	05/29/10 16:56	JLG	10E1815	8270C
N-Nitrosodi-n-propylamine	ND		6.8	0.73	ug/L	1.00	05/29/10 16:56	JLG	10E1815	8270C
N-Nitrosodiphenylamine	ND		6.8	0.69	ug/L	1.00	05/29/10 16:56	JLG	10E1815	8270C
Pentachlorophenol	ND		14	3.0	ug/L	1.00	05/29/10 16:56	JLG	10E1815	8270C
Phenanthrene	ND		6.8	0.59	ug/L	1.00	05/29/10 16:56	JLG	10E1815	8270C
Phenol	ND		6.8	0.53	ug/L	1.00	05/29/10 16:56	JLG	10E1815	8270C
Pyrene	ND		6.8	0.46	ug/L	1.00	05/29/10 16:56	JLG	10E1815	8270C

2,4,6-Tribromophenol	109 %		Surr Limits: (52-132%)				05/29/10 16:56	JLG	10E1815	8270C
2-Fluorobiphenyl	82 %		Surr Limits: (48-120%)				05/29/10 16:56	JLG	10E1815	8270C
2-Fluorophenol	44 %		Surr Limits: (20-120%)				05/29/10 16:56	JLG	10E1815	8270C
Nitrobenzene-d5	71 %		Surr Limits: (46-120%)				05/29/10 16:56	JLG	10E1815	8270C
Phenol-d5	38 %		Surr Limits: (16-120%)				05/29/10 16:56	JLG	10E1815	8270C
p-Terphenyl-d14	52 %		Surr Limits: (24-136%)				05/29/10 16:56	JLG	10E1815	8270C

Polychlorinated Biphenyls by EPA Method 8082

Aroclor 1016 [2C]	ND	QSU	0.54	0.19	ug/L	1.00	05/25/10 16:39	JxM	10E1920	8082
Aroclor 1221 [2C]	ND	QSU	0.54	0.19	ug/L	1.00	05/25/10 16:39	JxM	10E1920	8082
Aroclor 1232 [2C]	ND	QSU	0.54	0.19	ug/L	1.00	05/25/10 16:39	JxM	10E1920	8082
Aroclor 1242 [2C]	ND	QSU	0.54	0.19	ug/L	1.00	05/25/10 16:39	JxM	10E1920	8082
Aroclor 1248 [2C]	ND	QSU	0.54	0.19	ug/L	1.00	05/25/10 16:39	JxM	10E1920	8082
Aroclor 1254 [2C]	ND	QSU	0.54	0.27	ug/L	1.00	05/25/10 16:39	JxM	10E1920	8082
Aroclor 1260 [2C]	ND	QSU	0.54	0.27	ug/L	1.00	05/25/10 16:39	JxM	10E1920	8082

Decachlorobiphenyl [2C]	49 %	QSU	Surr Limits: (12-137%)				05/25/10 16:39	JxM	10E1920	8082
Tetrachloro-m-xylene [2C]	91 %	QSU	Surr Limits: (35-121%)				05/25/10 16:39	JxM	10E1920	8082

Total Metals by SW 846 Series Methods

Aluminum	13.6		0.200	NR	mg/L	1.00	05/25/10 06:31	DAN	10E1866	6010B
Antimony	ND		0.0200	NR	mg/L	1.00	05/25/10 06:31	DAN	10E1866	6010B
Arsenic	0.0125		0.0100	NR	mg/L	1.00	05/25/10 06:31	DAN	10E1866	6010B
Barium	0.165		0.0020	NR	mg/L	1.00	05/25/10 06:31	DAN	10E1866	6010B

TestAmerica Buffalo - 10 Hazelwood Drive Amherst, NY 14228 tel 716-691-2600 fax 716-691-7991

www.testamericainc.com

35/1258

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTE1137

Project: Commerce Square: Site# E932141

Project Number: E932141

Received: 05/21/10

Reported: 06/08/10 08:32

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTE1137-04 (BR-4 - Water) - cont.						Sampled: 05/21/10 14:20		Recvd: 05/21/10 16:30		
<u>Total Metals by SW 846 Series Methods - cont.</u>										
Beryllium	ND		0.0020	NR	mg/L	1.00	05/25/10 06:31	DAN	10E1866	6010B
Cadmium	ND		0.0010	NR	mg/L	1.00	05/25/10 06:31	DAN	10E1866	6010B
Calcium	559		0.5	NR	mg/L	1.00	05/25/10 06:31	DAN	10E1866	6010B
Chromium	0.0160		0.0040	NR	mg/L	1.00	05/25/10 06:31	DAN	10E1866	6010B
Cobalt	0.0046		0.0040	NR	mg/L	1.00	05/25/10 06:31	DAN	10E1866	6010B
Copper	0.0282		0.0100	NR	mg/L	1.00	05/25/10 06:31	DAN	10E1866	6010B
Iron	20.3		0.050	NR	mg/L	1.00	05/25/10 06:31	DAN	10E1866	6010B
Lead	0.0250		0.0050	NR	mg/L	1.00	05/25/10 06:31	DAN	10E1866	6010B
Magnesium	93.1		0.200	NR	mg/L	1.00	05/25/10 06:31	DAN	10E1866	6010B
Manganese	0.598		0.0030	NR	mg/L	1.00	05/25/10 06:31	DAN	10E1866	6010B
Nickel	0.0232		0.0100	NR	mg/L	1.00	05/25/10 06:31	DAN	10E1866	6010B
Potassium	8.94		0.500	NR	mg/L	1.00	05/25/10 06:31	DAN	10E1866	6010B
Selenium	ND		0.0150	NR	mg/L	1.00	05/25/10 06:31	DAN	10E1866	6010B
Silver	ND		0.0030	NR	mg/L	1.00	05/25/10 06:31	DAN	10E1866	6010B
Sodium	220		1.0	NR	mg/L	1.00	05/25/10 06:31	DAN	10E1866	6010B
Thallium	ND		0.0200	NR	mg/L	1.00	05/25/10 06:31	DAN	10E1866	6010B
Vanadium	0.0290		0.0050	NR	mg/L	1.00	05/25/10 06:31	DAN	10E1866	6010B
Zinc	0.411		0.0100	NR	mg/L	1.00	05/25/10 06:31	DAN	10E1866	6010B
Mercury	ND		0.0002	NR	mg/L	1.00	05/26/10 14:00	MXM	10E2007	7470A

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTE1137

Project: Commerce Square: Site# E932141

Project Number: E932141

Received: 05/21/10

Reported: 06/08/10 08:32

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
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Sample ID: RTE1137-04RE1 (BR-4 - Water)

Sampled: 05/21/10 14:20

Recvd: 05/21/10 16:30

Volatile Organic Compounds by EPA 8260B

cis-1,2-Dichloroethene	2400	D08	50	40	ug/L	50.0	05/29/10 11:23	DHC	10E2433	8260B
Trichloroethene	1700	D08	50	23	ug/L	50.0	05/29/10 11:23	DHC	10E2433	8260B

1,2-Dichloroethane-d4	103 %	D08	Surr Limits: (66-137%)				05/29/10 11:23	DHC	10E2433	8260B
4-Bromofluorobenzene	95 %	D08	Surr Limits: (73-120%)				05/29/10 11:23	DHC	10E2433	8260B
Toluene-d8	101 %	D08	Surr Limits: (71-126%)				05/29/10 11:23	DHC	10E2433	8260B

Semivolatile Organics by GC/MS

2,4,5-Trichlorophenol	ND	H4	4.7	0.45	ug/L	1.00	06/04/10 22:25	JLG	10F0222	8270C
2,4,6-Trichlorophenol	ND	H4	4.7	0.58	ug/L	1.00	06/04/10 22:25	JLG	10F0222	8270C
2,4-Dichlorophenol	ND	H4	4.7	0.48	ug/L	1.00	06/04/10 22:25	JLG	10F0222	8270C
2,4-Dimethylphenol	ND	H4	4.7	0.47	ug/L	1.00	06/04/10 22:25	JLG	10F0222	8270C
2,4-Dinitrophenol	ND	H4	9.4	2.1	ug/L	1.00	06/04/10 22:25	JLG	10F0222	8270C
2,4-Dinitrotoluene	ND	H4	4.7	0.42	ug/L	1.00	06/04/10 22:25	JLG	10F0222	8270C
2,6-Dinitrotoluene	ND	H4	4.7	0.38	ug/L	1.00	06/04/10 22:25	JLG	10F0222	8270C
2-Chloronaphthalene	ND	H4	4.7	0.43	ug/L	1.00	06/04/10 22:25	JLG	10F0222	8270C
2-Chlorophenol	ND	H4	4.7	0.50	ug/L	1.00	06/04/10 22:25	JLG	10F0222	8270C
2-Methylnaphthalene	ND	H4	4.7	0.57	ug/L	1.00	06/04/10 22:25	JLG	10F0222	8270C
2-Methylphenol	ND	H4	4.7	0.38	ug/L	1.00	06/04/10 22:25	JLG	10F0222	8270C
2-Nitroaniline	ND	H4	9.4	0.40	ug/L	1.00	06/04/10 22:25	JLG	10F0222	8270C
2-Nitrophenol	ND	H4	4.7	0.45	ug/L	1.00	06/04/10 22:25	JLG	10F0222	8270C
3,3'-Dichlorobenzidine	ND	H4	4.7	0.38	ug/L	1.00	06/04/10 22:25	JLG	10F0222	8270C
3-Nitroaniline	ND	H4	9.4	0.45	ug/L	1.00	06/04/10 22:25	JLG	10F0222	8270C
4,6-Dinitro-2-methylphenol	ND	H4	9.4	2.1	ug/L	1.00	06/04/10 22:25	JLG	10F0222	8270C
4-Bromophenyl phenyl ether	ND	H4	4.7	0.42	ug/L	1.00	06/04/10 22:25	JLG	10F0222	8270C
4-Chloro-3-methylphenol	ND	H4	4.7	0.42	ug/L	1.00	06/04/10 22:25	JLG	10F0222	8270C
4-Chloroaniline	ND	H4	4.7	0.56	ug/L	1.00	06/04/10 22:25	JLG	10F0222	8270C
4-Chlorophenyl phenyl ether	ND	H4	4.7	0.33	ug/L	1.00	06/04/10 22:25	JLG	10F0222	8270C
4-Methylphenol	ND	H4	9.4	0.34	ug/L	1.00	06/04/10 22:25	JLG	10F0222	8270C
4-Nitroaniline	ND	H4	9.4	0.24	ug/L	1.00	06/04/10 22:25	JLG	10F0222	8270C
4-Nitrophenol	ND	H4	9.4	1.4	ug/L	1.00	06/04/10 22:25	JLG	10F0222	8270C
Acenaphthene	ND	H4	4.7	0.39	ug/L	1.00	06/04/10 22:25	JLG	10F0222	8270C
Acenaphthylene	ND	H4	4.7	0.36	ug/L	1.00	06/04/10 22:25	JLG	10F0222	8270C
Acetophenone	ND	H4	4.7	0.51	ug/L	1.00	06/04/10 22:25	JLG	10F0222	8270C
Anthracene	ND	H4	4.7	0.26	ug/L	1.00	06/04/10 22:25	JLG	10F0222	8270C
Atrazine	ND	H4	4.7	0.43	ug/L	1.00	06/04/10 22:25	JLG	10F0222	8270C
Benzaldehyde	ND	H4	4.7	0.25	ug/L	1.00	06/04/10 22:25	JLG	10F0222	8270C
Benzo(a)anthracene	ND	H4	4.7	0.34	ug/L	1.00	06/04/10 22:25	JLG	10F0222	8270C
Benzo(a)pyrene	ND	H4	4.7	0.44	ug/L	1.00	06/04/10 22:25	JLG	10F0222	8270C
Benzo(b)fluoranthene	ND	H4	4.7	0.32	ug/L	1.00	06/04/10 22:25	JLG	10F0222	8270C
Benzo(ghi)perylene	ND	H4	4.7	0.33	ug/L	1.00	06/04/10 22:25	JLG	10F0222	8270C
Benzo(k)fluoranthene	ND	H4	4.7	0.69	ug/L	1.00	06/04/10 22:25	JLG	10F0222	8270C
Biphenyl	ND	H4	4.7	0.62	ug/L	1.00	06/04/10 22:25	JLG	10F0222	8270C
Bis(2-chloroethoxy)methane	ND	H4	4.7	0.33	ug/L	1.00	06/04/10 22:25	JLG	10F0222	8270C
Bis(2-chloroethyl)ether	ND	H4	4.7	0.38	ug/L	1.00	06/04/10 22:25	JLG	10F0222	8270C
2,2'-Oxybis(1-Chloropropane)	ND	H4	4.7	0.49	ug/L	1.00	06/04/10 22:25	JLG	10F0222	8270C

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
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Work Order: RTE1137

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Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTE1137-04RE1 (BR-4 - Water) - cont.						Sampled: 05/21/10 14:20		Recvd: 05/21/10 16:30		
<u>Semivolatile Organics by GC/MS - cont.</u>										
Bis(2-ethylhexyl) phthalate	ND	H4	4.7	1.7	ug/L	1.00	06/04/10 22:25	JLG	10F0222	8270C
Butyl benzyl phthalate	ND	H4	4.7	0.40	ug/L	1.00	06/04/10 22:25	JLG	10F0222	8270C
Caprolactam	ND	H4	4.7	2.1	ug/L	1.00	06/04/10 22:25	JLG	10F0222	8270C
Carbazole	ND	H4	4.7	0.28	ug/L	1.00	06/04/10 22:25	JLG	10F0222	8270C
Chrysene	ND	H4	4.7	0.31	ug/L	1.00	06/04/10 22:25	JLG	10F0222	8270C
Dibenzo(a,h)anthracene	ND	H4	4.7	0.40	ug/L	1.00	06/04/10 22:25	JLG	10F0222	8270C
Dibenzofuran	ND	H4	9.4	0.48	ug/L	1.00	06/04/10 22:25	JLG	10F0222	8270C
Diethyl phthalate	ND	H4	4.7	0.21	ug/L	1.00	06/04/10 22:25	JLG	10F0222	8270C
Dimethyl phthalate	ND	H4	4.7	0.34	ug/L	1.00	06/04/10 22:25	JLG	10F0222	8270C
Di-n-butyl phthalate	ND	H4	4.7	0.29	ug/L	1.00	06/04/10 22:25	JLG	10F0222	8270C
Di-n-octyl phthalate	ND	H4	4.7	0.44	ug/L	1.00	06/04/10 22:25	JLG	10F0222	8270C
Fluoranthene	ND	H4	4.7	0.38	ug/L	1.00	06/04/10 22:25	JLG	10F0222	8270C
Fluorene	ND	H4	4.7	0.34	ug/L	1.00	06/04/10 22:25	JLG	10F0222	8270C
Hexachlorobenzene	ND	H4	4.7	0.48	ug/L	1.00	06/04/10 22:25	JLG	10F0222	8270C
Hexachlorobutadiene	ND	H4	4.7	0.64	ug/L	1.00	06/04/10 22:25	JLG	10F0222	8270C
Hexachlorocyclopentadiene	ND	H4	4.7	0.56	ug/L	1.00	06/04/10 22:25	JLG	10F0222	8270C
Hexachloroethane	ND	H4	4.7	0.56	ug/L	1.00	06/04/10 22:25	JLG	10F0222	8270C
Indeno(1,2,3-cd)pyrene	ND	H4	4.7	0.44	ug/L	1.00	06/04/10 22:25	JLG	10F0222	8270C
Isophorone	ND	H4	4.7	0.41	ug/L	1.00	06/04/10 22:25	JLG	10F0222	8270C
Naphthalene	ND	H4	4.7	0.72	ug/L	1.00	06/04/10 22:25	JLG	10F0222	8270C
Nitrobenzene	ND	H4	4.7	0.27	ug/L	1.00	06/04/10 22:25	JLG	10F0222	8270C
N-Nitrosodi-n-propylamine	ND	H4	4.7	0.51	ug/L	1.00	06/04/10 22:25	JLG	10F0222	8270C
N-Nitrosodiphenylamine	ND	H4	4.7	0.48	ug/L	1.00	06/04/10 22:25	JLG	10F0222	8270C
Pentachlorophenol	ND	H4	9.4	2.1	ug/L	1.00	06/04/10 22:25	JLG	10F0222	8270C
Phenanthrene	ND	H4	4.7	0.42	ug/L	1.00	06/04/10 22:25	JLG	10F0222	8270C
Phenol	ND	H4	4.7	0.37	ug/L	1.00	06/04/10 22:25	JLG	10F0222	8270C
Pyrene	ND	H4	4.7	0.32	ug/L	1.00	06/04/10 22:25	JLG	10F0222	8270C
2,4,6-Tribromophenol	101 %	H4	Surr Limits: (52-132%)				06/04/10 22:25	JLG	10F0222	8270C
2-Fluorobiphenyl	80 %	H4	Surr Limits: (48-120%)				06/04/10 22:25	JLG	10F0222	8270C
2-Fluorophenol	35 %	H4	Surr Limits: (20-120%)				06/04/10 22:25	JLG	10F0222	8270C
Nitrobenzene-d5	73 %	H4	Surr Limits: (46-120%)				06/04/10 22:25	JLG	10F0222	8270C
Phenol-d5	26 %	H4	Surr Limits: (16-120%)				06/04/10 22:25	JLG	10F0222	8270C
p-Terphenyl-d14	40 %	H4	Surr Limits: (24-136%)				06/04/10 22:25	JLG	10F0222	8270C

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTE1137

Project: Commerce Square: Site# E932141

Project Number: E932141

Received: 05/21/10

Reported: 06/08/10 08:32

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
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Sample ID: RTE1137-05 (WATER DRUMS 1 - Water)

Sampled: 05/21/10 14:50

Recvd: 05/21/10 16:30

Total Metals by SW 846 Series Methods

Aluminum	6.29		0.200	NR	mg/L	1.00	05/25/10 06:36	DAN	10E1866	6010B
Antimony	ND		0.0200	NR	mg/L	1.00	05/25/10 06:36	DAN	10E1866	6010B
Arsenic	ND		0.0100	NR	mg/L	1.00	05/25/10 06:36	DAN	10E1866	6010B
Barium	0.252		0.0020	NR	mg/L	1.00	05/25/10 06:36	DAN	10E1866	6010B
Beryllium	ND		0.0020	NR	mg/L	1.00	05/25/10 06:36	DAN	10E1866	6010B
Cadmium	ND		0.0010	NR	mg/L	1.00	05/25/10 06:36	DAN	10E1866	6010B
Calcium	375		0.5	NR	mg/L	1.00	05/25/10 06:36	DAN	10E1866	6010B
Chromium	0.0199		0.0040	NR	mg/L	1.00	05/25/10 06:36	DAN	10E1866	6010B
Cobalt	ND		0.0040	NR	mg/L	1.00	05/25/10 06:36	DAN	10E1866	6010B
Copper	0.0101		0.0100	NR	mg/L	1.00	05/25/10 06:36	DAN	10E1866	6010B
Iron	5.31		0.050	NR	mg/L	1.00	05/25/10 06:36	DAN	10E1866	6010B
Lead	0.0116		0.0050	NR	mg/L	1.00	05/25/10 06:36	DAN	10E1866	6010B
Magnesium	21.2		0.200	NR	mg/L	1.00	05/25/10 06:36	DAN	10E1866	6010B
Manganese	0.325		0.0030	NR	mg/L	1.00	05/25/10 06:36	DAN	10E1866	6010B
Nickel	ND		0.0100	NR	mg/L	1.00	05/25/10 06:36	DAN	10E1866	6010B
Potassium	10.9		0.500	NR	mg/L	1.00	05/25/10 06:36	DAN	10E1866	6010B
Selenium	ND		0.0150	NR	mg/L	1.00	05/25/10 06:36	DAN	10E1866	6010B
Silver	ND		0.0030	NR	mg/L	1.00	05/25/10 06:36	DAN	10E1866	6010B
Sodium	38.9		1.0	NR	mg/L	1.00	05/25/10 06:36	DAN	10E1866	6010B
Thallium	ND		0.0200	NR	mg/L	1.00	05/25/10 06:36	DAN	10E1866	6010B
Vanadium	0.0172		0.0050	NR	mg/L	1.00	05/25/10 06:36	DAN	10E1866	6010B
Zinc	0.206		0.0100	NR	mg/L	1.00	05/25/10 06:36	DAN	10E1866	6010B
Mercury	ND		0.0002	NR	mg/L	1.00	05/26/10 14:03	MXM	10E2007	7470A

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTE1137

Project: Commerce Square: Site# E932141

Project Number: E932141

Received: 05/21/10

Reported: 06/08/10 08:32

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTE1137-06 (WATER DRUMS 2 - Water)						Sampled: 05/21/10 14:55		Recvd: 05/21/10 16:30		
<u>Total Metals by SW 846 Series Methods</u>										
Aluminum	25.1	D08	0.200	NR	mg/L	1.00	05/25/10 06:54	DAN	10E1866	6010B
Antimony	ND		0.0200	NR	mg/L	1.00	05/25/10 06:54	DAN	10E1866	6010B
Arsenic	0.0139		0.0100	NR	mg/L	1.00	05/25/10 06:54	DAN	10E1866	6010B
Barium	1.60		0.0020	NR	mg/L	1.00	05/25/10 06:54	DAN	10E1866	6010B
Beryllium	0.0021		0.0020	NR	mg/L	1.00	05/25/10 06:54	DAN	10E1866	6010B
Cadmium	ND		0.0010	NR	mg/L	1.00	05/25/10 06:54	DAN	10E1866	6010B
Calcium	1600		5.0	NR	mg/L	10.0	05/25/10 11:50	DAN	10E1866	6010B
Chromium	0.0619		0.0040	NR	mg/L	1.00	05/25/10 06:54	DAN	10E1866	6010B
Cobalt	0.0080		0.0040	NR	mg/L	1.00	05/25/10 06:54	DAN	10E1866	6010B
Copper	0.0306		0.0100	NR	mg/L	1.00	05/25/10 06:54	DAN	10E1866	6010B
Iron	20.5		0.050	NR	mg/L	1.00	05/25/10 06:54	DAN	10E1866	6010B
Lead	0.0437		0.0050	NR	mg/L	1.00	05/25/10 06:54	DAN	10E1866	6010B
Magnesium	76.9		0.200	NR	mg/L	1.00	05/25/10 06:54	DAN	10E1866	6010B
Manganese	1.23		0.0030	NR	mg/L	1.00	05/25/10 06:54	DAN	10E1866	6010B
Nickel	0.0274		0.0100	NR	mg/L	1.00	05/25/10 06:54	DAN	10E1866	6010B
Potassium	119		0.500	NR	mg/L	1.00	05/25/10 06:54	DAN	10E1866	6010B
Selenium	ND		0.0150	NR	mg/L	1.00	05/25/10 06:54	DAN	10E1866	6010B
Silver	ND		0.0030	NR	mg/L	1.00	05/25/10 06:54	DAN	10E1866	6010B
Sodium	77.2		1.0	NR	mg/L	1.00	05/25/10 06:54	DAN	10E1866	6010B
Thallium	ND		0.0200	NR	mg/L	1.00	05/25/10 06:54	DAN	10E1866	6010B
Vanadium	0.0561		0.0050	NR	mg/L	1.00	05/25/10 06:54	DAN	10E1866	6010B
Zinc	0.203		0.0100	NR	mg/L	1.00	05/25/10 06:54	DAN	10E1866	6010B
Mercury	ND	0.0002	NR	mg/L	1.00	05/26/10 14:04	MXM	10E2007	7470A	

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Work Order: RTE1137

Project: Commerce Square: Site# E932141

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Reported: 06/08/10 08:32

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTE1137-07 (WATER DRUMS 3 - Water)						Sampled: 05/21/10 15:00		Recvd: 05/21/10 16:30		
<u>Total Metals by SW 846 Series Methods</u>										
Aluminum	0.340		0.200	NR	mg/L	1.00	05/25/10 06:59	DAN	10E1866	6010B
Antimony	ND		0.0200	NR	mg/L	1.00	05/25/10 06:59	DAN	10E1866	6010B
Arsenic	ND		0.0100	NR	mg/L	1.00	05/25/10 06:59	DAN	10E1866	6010B
Barium	0.0978		0.0020	NR	mg/L	1.00	05/25/10 06:59	DAN	10E1866	6010B
Beryllium	ND		0.0020	NR	mg/L	1.00	05/25/10 06:59	DAN	10E1866	6010B
Cadmium	ND		0.0010	NR	mg/L	1.00	05/25/10 06:59	DAN	10E1866	6010B
Calcium	143		0.5	NR	mg/L	1.00	05/25/10 06:59	DAN	10E1866	6010B
Chromium	ND		0.0040	NR	mg/L	1.00	05/25/10 06:59	DAN	10E1866	6010B
Cobalt	ND		0.0040	NR	mg/L	1.00	05/25/10 06:59	DAN	10E1866	6010B
Copper	ND		0.0100	NR	mg/L	1.00	05/25/10 06:59	DAN	10E1866	6010B
Iron	1.66		0.050	NR	mg/L	1.00	05/25/10 06:59	DAN	10E1866	6010B
Lead	ND		0.0050	NR	mg/L	1.00	05/25/10 06:59	DAN	10E1866	6010B
Magnesium	55.0		0.200	NR	mg/L	1.00	05/25/10 06:59	DAN	10E1866	6010B
Manganese	0.117		0.0030	NR	mg/L	1.00	05/25/10 06:59	DAN	10E1866	6010B
Nickel	ND		0.0100	NR	mg/L	1.00	05/25/10 06:59	DAN	10E1866	6010B
Potassium	3.95		0.500	NR	mg/L	1.00	05/25/10 06:59	DAN	10E1866	6010B
Selenium	ND		0.0150	NR	mg/L	1.00	05/25/10 06:59	DAN	10E1866	6010B
Silver	ND		0.0030	NR	mg/L	1.00	05/25/10 06:59	DAN	10E1866	6010B
Sodium	152		1.0	NR	mg/L	1.00	05/25/10 06:59	DAN	10E1866	6010B
Thallium	ND		0.0200	NR	mg/L	1.00	05/25/10 06:59	DAN	10E1866	6010B
Vanadium	ND		0.0050	NR	mg/L	1.00	05/25/10 06:59	DAN	10E1866	6010B
Zinc	0.0209		0.0100	NR	mg/L	1.00	05/25/10 06:59	DAN	10E1866	6010B
Mercury	ND		0.0002	NR	mg/L	1.00	05/26/10 14:06	MXM	10E2007	7470A

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Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTE1137-08 (WATER DRUMS 4 - Water)						Sampled: 05/21/10 15:05		Recvd: 05/21/10 16:30		
<u>Total Metals by SW 846 Series Methods</u>										
Aluminum	23.6	D08	0.200	NR	mg/L	1.00	05/25/10 07:04	DAN	10E1866	6010B
Antimony	ND		0.0200	NR	mg/L	1.00	05/25/10 07:04	DAN	10E1866	6010B
Arsenic	ND		0.0100	NR	mg/L	1.00	05/25/10 07:04	DAN	10E1866	6010B
Barium	2.28		0.0020	NR	mg/L	1.00	05/25/10 07:04	DAN	10E1866	6010B
Beryllium	ND		0.0020	NR	mg/L	1.00	05/25/10 07:04	DAN	10E1866	6010B
Cadmium	ND		0.0010	NR	mg/L	1.00	05/25/10 07:04	DAN	10E1866	6010B
Calcium	1220		5.0	NR	mg/L	10.0	05/25/10 11:55	DAN	10E1866	6010B
Chromium	0.101		0.0040	NR	mg/L	1.00	05/25/10 07:04	DAN	10E1866	6010B
Cobalt	0.0072		0.0040	NR	mg/L	1.00	05/25/10 07:04	DAN	10E1866	6010B
Copper	0.0882		0.0100	NR	mg/L	1.00	05/25/10 07:04	DAN	10E1866	6010B
Iron	19.1		0.050	NR	mg/L	1.00	05/25/10 07:04	DAN	10E1866	6010B
Lead	0.0467		0.0050	NR	mg/L	1.00	05/25/10 07:04	DAN	10E1866	6010B
Magnesium	37.5		0.200	NR	mg/L	1.00	05/25/10 07:04	DAN	10E1866	6010B
Manganese	0.752		0.0030	NR	mg/L	1.00	05/25/10 07:04	DAN	10E1866	6010B
Nickel	0.0260		0.0100	NR	mg/L	1.00	05/25/10 07:04	DAN	10E1866	6010B
Potassium	208		0.500	NR	mg/L	1.00	05/25/10 07:04	DAN	10E1866	6010B
Selenium	ND		0.0150	NR	mg/L	1.00	05/25/10 07:04	DAN	10E1866	6010B
Silver	ND		0.0030	NR	mg/L	1.00	05/25/10 07:04	DAN	10E1866	6010B
Sodium	102		1.0	NR	mg/L	1.00	05/25/10 07:04	DAN	10E1866	6010B
Thallium	ND		0.0200	NR	mg/L	1.00	05/25/10 07:04	DAN	10E1866	6010B
Vanadium	0.0442		0.0050	NR	mg/L	1.00	05/25/10 07:04	DAN	10E1866	6010B
Zinc	0.171		0.0100	NR	mg/L	1.00	05/25/10 07:04	DAN	10E1866	6010B
Mercury	ND	0.0002	NR	mg/L	1.00	05/26/10 14:08	MXM	10E2007	7470A	

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Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTE1137-09 (TRIP BLANK - Water)						Sampled: 05/21/10		Recvd: 05/21/10 16:30		
<u>Volatile Organic Compounds by EPA 8260B</u>										
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L	1.00	05/28/10 14:32	DHC	10E2324	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	05/28/10 14:32	DHC	10E2324	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	05/28/10 14:32	DHC	10E2324	8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L	1.00	05/28/10 14:32	DHC	10E2324	8260B
1,1-Dichloroethane	ND		1.0	0.38	ug/L	1.00	05/28/10 14:32	DHC	10E2324	8260B
1,1-Dichloroethene	ND		1.0	0.29	ug/L	1.00	05/28/10 14:32	DHC	10E2324	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	05/28/10 14:32	DHC	10E2324	8260B
1,2-Dibromo-3-chloropropane	ND		1.0	0.39	ug/L	1.00	05/28/10 14:32	DHC	10E2324	8260B
1,2-Dibromoethane	ND		1.0	0.73	ug/L	1.00	05/28/10 14:32	DHC	10E2324	8260B
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L	1.00	05/28/10 14:32	DHC	10E2324	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	05/28/10 14:32	DHC	10E2324	8260B
1,2-Dichloropropane	ND		1.0	0.72	ug/L	1.00	05/28/10 14:32	DHC	10E2324	8260B
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L	1.00	05/28/10 14:32	DHC	10E2324	8260B
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L	1.00	05/28/10 14:32	DHC	10E2324	8260B
2-Butanone	ND		5.0	1.3	ug/L	1.00	05/28/10 14:32	DHC	10E2324	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	05/28/10 14:32	DHC	10E2324	8260B
4-Methyl-2-pentanone	ND		5.0	2.1	ug/L	1.00	05/28/10 14:32	DHC	10E2324	8260B
Acetone	ND		5.0	3.0	ug/L	1.00	05/28/10 14:32	DHC	10E2324	8260B
Benzene	ND		1.0	0.41	ug/L	1.00	05/28/10 14:32	DHC	10E2324	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	05/28/10 14:32	DHC	10E2324	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	05/28/10 14:32	DHC	10E2324	8260B
Bromomethane	ND		1.0	0.69	ug/L	1.00	05/28/10 14:32	DHC	10E2324	8260B
Carbon disulfide	ND		1.0	0.19	ug/L	1.00	05/28/10 14:32	DHC	10E2324	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	05/28/10 14:32	DHC	10E2324	8260B
Chlorobenzene	ND		1.0	0.75	ug/L	1.00	05/28/10 14:32	DHC	10E2324	8260B
Dibromochloromethane	ND		1.0	0.32	ug/L	1.00	05/28/10 14:32	DHC	10E2324	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	05/28/10 14:32	DHC	10E2324	8260B
Chloroform	ND		1.0	0.34	ug/L	1.00	05/28/10 14:32	DHC	10E2324	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	05/28/10 14:32	DHC	10E2324	8260B
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L	1.00	05/28/10 14:32	DHC	10E2324	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	05/28/10 14:32	DHC	10E2324	8260B
Cyclohexane	ND		1.0	0.18	ug/L	1.00	05/28/10 14:32	DHC	10E2324	8260B
Dichlorodifluoromethane	ND		1.0	0.68	ug/L	1.00	05/28/10 14:32	DHC	10E2324	8260B
Ethylbenzene	ND		1.0	0.74	ug/L	1.00	05/28/10 14:32	DHC	10E2324	8260B
Isopropylbenzene	ND		1.0	0.79	ug/L	1.00	05/28/10 14:32	DHC	10E2324	8260B
Methyl Acetate	ND		1.0	0.50	ug/L	1.00	05/28/10 14:32	DHC	10E2324	8260B
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.16	ug/L	1.00	05/28/10 14:32	DHC	10E2324	8260B
Methylcyclohexane	ND		1.0	0.16	ug/L	1.00	05/28/10 14:32	DHC	10E2324	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	05/28/10 14:32	DHC	10E2324	8260B
Styrene	ND		1.0	0.73	ug/L	1.00	05/28/10 14:32	DHC	10E2324	8260B
Tetrachloroethene	ND		1.0	0.36	ug/L	1.00	05/28/10 14:32	DHC	10E2324	8260B
Toluene	ND		1.0	0.51	ug/L	1.00	05/28/10 14:32	DHC	10E2324	8260B
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L	1.00	05/28/10 14:32	DHC	10E2324	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	05/28/10 14:32	DHC	10E2324	8260B
Trichloroethene	ND		1.0	0.46	ug/L	1.00	05/28/10 14:32	DHC	10E2324	8260B
Trichlorofluoromethane	ND		1.0	0.88	ug/L	1.00	05/28/10 14:32	DHC	10E2324	8260B
Vinyl chloride	ND		1.0	0.90	ug/L	1.00	05/28/10 14:32	DHC	10E2324	8260B

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTE1137

Project: Commerce Square: Site# E932141
Project Number: E932141

Received: 05/21/10
Reported: 06/08/10 08:32

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTE1137-09 (TRIP BLANK - Water) - cont.						Sampled: 05/21/10		Recvd: 05/21/10 16:30		
<u>Volatile Organic Compounds by EPA 8260B - cont.</u>										
Xylenes, total	ND		2.0	0.66	ug/L	1.00	05/28/10 14:32	DHC	10E2324	8260B
1,2-Dichloroethane-d4	105 %		Surr Limits: (66-137%)				05/28/10 14:32	DHC	10E2324	8260B
4-Bromofluorobenzene	94 %		Surr Limits: (73-120%)				05/28/10 14:32	DHC	10E2324	8260B
Toluene-d8	100 %		Surr Limits: (71-126%)				05/28/10 14:32	DHC	10E2324	8260B

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTE1137

Project: Commerce Square: Site# E932141

Project Number: E932141

Received: 05/21/10

Reported: 06/08/10 08:32

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracte	Units	Extract Volume	Units	Date Prepared	Lab Tech	Extraction Method
Polychlorinated Biphenyls by EPA Method 8082									
8082	10E1920	RTE1137-04	930.00	mL	10.00	mL	05/25/10 07:30	CXM	3510C GC
8082	10E1920	RTE1137-03	950.00	mL	10.00	mL	05/25/10 07:30	CXM	3510C GC
8082	10E1920	RTE1137-01	980.00	mL	10.00	mL	05/25/10 07:30	CXM	3510C GC
8082	10E1920	RTE1137-02	1,020.00	mL	10.00	mL	05/25/10 07:30	CXM	3510C GC
Semivolatile Organics by GC/MS									
8270C	10F0222	RTE1137-03RE1	1,020.00	mL	1.00	mL	06/03/10 09:30	BML	3510C MB
8270C	10F0222	RTE1137-02RE1	1,030.00	mL	1.00	mL	06/03/10 09:30	BML	3510C MB
8270C	10F0222	RTE1137-01RE1	1,040.00	mL	1.00	mL	06/03/10 09:30	BML	3510C MB
8270C	10F0222	RTE1137-04RE1	1,060.00	mL	1.00	mL	06/03/10 09:30	BML	3510C MB
8270C	10E1815	RTE1137-04	740.00	mL	1.00	mL	05/24/10 08:00	EKD	3510C MB
8270C	10E1815	RTE1137-01	890.00	mL	1.00	mL	05/24/10 08:00	EKD	3510C MB
8270C	10E1815	RTE1137-02	1,020.00	mL	1.00	mL	05/24/10 08:00	EKD	3510C MB
8270C	10E1815	RTE1137-03	1,020.00	mL	1.00	mL	05/24/10 08:00	EKD	3510C MB
Total Metals by SW 846 Series Methods									
6010B	10E1866	RTE1137-01	50.00	mL	50.00	mL	05/24/10 16:30	LMH	3005A
6010B	10E1866	RTE1137-02	50.00	mL	50.00	mL	05/24/10 16:30	LMH	3005A
6010B	10E1866	RTE1137-03	50.00	mL	50.00	mL	05/24/10 16:30	LMH	3005A
6010B	10E1866	RTE1137-04	50.00	mL	50.00	mL	05/24/10 16:30	LMH	3005A
6010B	10E1866	RTE1137-05	50.00	mL	50.00	mL	05/24/10 16:30	LMH	3005A
6010B	10E1866	RTE1137-06	50.00	mL	50.00	mL	05/24/10 16:30	LMH	3005A
6010B	10E1866	RTE1137-07	50.00	mL	50.00	mL	05/24/10 16:30	LMH	3005A
6010B	10E1866	RTE1137-08	50.00	mL	50.00	mL	05/24/10 16:30	LMH	3005A
7470A	10E2007	RTE1137-01	30.00	mL	50.00	mL	05/25/10 19:00	MXM	7470A
7470A	10E2007	RTE1137-02	30.00	mL	50.00	mL	05/25/10 19:00	MXM	7470A
7470A	10E2007	RTE1137-03	30.00	mL	50.00	mL	05/25/10 19:00	MXM	7470A
7470A	10E2007	RTE1137-04	30.00	mL	50.00	mL	05/25/10 19:00	MXM	7470A
7470A	10E2007	RTE1137-05	30.00	mL	50.00	mL	05/25/10 19:00	MXM	7470A
7470A	10E2007	RTE1137-06	30.00	mL	50.00	mL	05/25/10 19:00	MXM	7470A
7470A	10E2007	RTE1137-07	30.00	mL	50.00	mL	05/25/10 19:00	MXM	7470A
7470A	10E2007	RTE1137-08	30.00	mL	50.00	mL	05/25/10 19:00	MXM	7470A
Volatile Organic Compounds by EPA 8260B									
8260B	10E2196	RTE1137-01	5.00	mL	5.00	mL	05/27/10 12:45	DHC	5030B MS
8260B	10E2196	RTE1137-02	5.00	mL	5.00	mL	05/27/10 12:45	DHC	5030B MS
8260B	10E2324	RTE1137-02RE1	5.00	mL	5.00	mL	05/27/10 12:45	DHC	5030B MS
8260B	10E2196	RTE1137-03	5.00	mL	5.00	mL	05/27/10 12:45	DHC	5030B MS
8260B	10E2196	RTE1137-04	5.00	mL	5.00	mL	05/27/10 12:45	DHC	5030B MS

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTE1137

Project: Commerce Square: Site# E932141
Project Number: E932141

Received: 05/21/10
Reported: 06/08/10 08:32

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracte	Units	Extract Volume	Units	Date Prepared	Lab Tech	Extraction Method
8260B	10E2324	RTE1137-09	5.00	mL	5.00	mL	05/28/10 11:05	DHC	5030B MS
8260B	10E2433	RTE1137-03RE1	5.00	mL	5.00	mL	05/29/10 10:01	DHC	5030B MS
8260B	10E2433	RTE1137-04RE1	5.00	mL	5.00	mL	05/29/10 10:01	DHC	5030B MS

Temperature on Receipt

THE LEADER IN ENVIRONMENTAL TESTING

Chain of Custody Record

TAL-4124 (1003)

Chain of Custody Number
165822

Page 1 of 1

Client: NYSDEL
Address: 270 Michigan Ave
City: Buffalo State: NY Zip Code: 14203
Project Name and Location (State): Commerce Sq Yorkport NY
Contract/Purchase Order Code No.:
Project Manager: J. Kosselle Date: 5/21/10
Telephone Number (Area Code)/Fax Number: 716-851-7220 Lab Number: 512110
Site Contact: T. Rowe Lab Contact: B. Fishers

Special Instructions/
Conditions of Receipt

Analysis (Attach list if
more space is needed)

Sample I.D. No. and Description (Containers for each sample may be examined on one line)	Date	Time	Aspects					Containers & Preservatives					Analysis				
			Appearance	Color	Odor	Taste	Texture	HCNH	HCNV	HCNV	HCNV	HCNV	HCNV	HCNV	HCNV	HCNV	HCNV
Top Bulk	5/21/10	-	X														
BR-1	↓	1140	X					4	13	2			X	X	X	X	X
BR-2	↓	1230	X					4	13	13			X	X	X	X	X
BR-3	↓	1330	X					4	13	13			X	X	X	X	X
BR-4	↓	1430	X					4	13	13			X	X	X	X	X
WATER DRUMS 2	↓	1450	X										X	X	X	X	X
WATER DRUMS 2	↓	1455	X										X	X	X	X	X
WATER DRUMS 3	↓	1500	X										X	X	X	X	X
WATER DRUMS 4	↓	1505	X										X	X	X	X	X

(A fee may be assessed if samples are returned
longer than 1 month)

Sample Disposal
☒ Return To Client
☐ Dispose By Lab
☐ Archive For

QC Requirements (Specify)

Turn Around Time Required
☐ 24 Hours
☐ 48 Hours
☐ 7 Days
☐ 14 Days
☐ 21 Days
☒ Other: STANDARD

1. Relinquished By: [Signature] Date: 5/21/10 Time: 1630
2. Relinquished By: [Signature] Date: 5/21/10 Time: 1630
3. Relinquished By: [Signature] Date: 5/21/10 Time: 1630

Comments

260

Appendix F

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on ellipse (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. N/A		Manifest Document No. 00438		2. Page 1 of 1	
3. Generator's Name and Mailing Address NYS DEC Region # 9 270 Michigan Avenue, Buffalo, NY 14203				Commerce Square Lockport, NY			
4. Generator's Phone () 716-851-7770							
5. Transporter 1 Company Name OP-TECH Environmental Svcs. Inc.		6. US EPA ID Number NY D 0 0 0 0 0 0 7 5 8		A. State Transporter's ID 2004535		B. Transporter 1 Phone 716-873-7880	
7. Transporter 2 Company Name		8. US EPA ID Number		C. State Transporter's ID		D. Transporter 2 Phone	
9. Designated Facility Name and Site Address Cycle Chem, Inc. 660 Industrial Drive Lewisberry, PA 17339		10. US EPA ID Number P A D 0 6 7 0 8 8 8 2 2		E. State Facility's ID		F. Facility's Phone 717-938-4700	
11. WASTE DESCRIPTION				12. Containers No. Type		13. Total Quantity	
a. NON DOT Regulated Solids, NOS (Solid)				06 DM		002000 P	
b. EMPTY DRUMS <i>SL</i>				DM <i>SL</i>			
c.							
d.							
G. Additional Descriptions for Materials Listed Above				H. Handling Codes for Wastes Listed Above			
a. # 714309-1-ID		c. Job # FD900438		a. L		c.	
b. # 714309-2-MT		d. PO # FD900438-10		b. R		d.	
15. Special Handling Instructions and Additional Information In case of emergency call 1-800-225-6750							
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.							
Printed/Typed Name Agent for DEC/Linda Scott				Signature <i>Linda Scott</i>		Date 8/24/10	
17. Transporter 1 Acknowledgement of Receipt of Materials				Signature <i>Todd Harris</i>		Date 8/24/10	
Printed/Typed Name Todd Harris				Signature		Date	
18. Transporter 2 Acknowledgement of Receipt of Materials				Signature		Date	
Printed/Typed Name				Signature		Date	
19. Discrepancy Indication Space							
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in Item 19.							
Printed/Typed Name Lisa Ramnick				Signature <i>Lisa Ramnick</i>		Date 8/27/10	

NON-HAZARDOUS WASTE

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. N/A		Manifest Document No. 10438		2. Page 1 of 1	
3. Generator's Name and Mailing Address NYS DEC Region # 8 270 Michigan Avenue, Buffalo, NY 14203				Commerce Square Lockport, NY			
4. Generator's Phone () 716-851-7220							
5. Transporter 1 Company Name OP-TECH Environmental Svcs, Inc.		6. US EPA ID Number NY D 0 8 6 0 3 0 7 5		A. State Transporter's ID 2004503		B. Transporter 1 Phone 716-873-7890	
7. Transporter 2 Company Name		8. US EPA ID Number		C. State Transporter's ID		D. Transporter 2 Phone	
9. Designated Facility Name and Site Address Cycle Chem, Inc. 660 Industrial Drive Lewisberry, PA 17339		10. US EPA ID Number PAD 0 6 7 0 8 8 8 2 2		E. State Facility's ID		F. Facility's Phone 717-938-4700	
11. WASTE DESCRIPTION				12. Containers		13. Total Quantity	
				No. Type		14. Unit Wt/Vol.	
a. NON DOT Regulated Solids, NOS (Soil)				13 DM		5200 P	
b. EMPTY DRUMS				15 DM		150 P	
c.							
d.							
G. Additional Descriptions for Materials Listed Above				H. Handling Codes for Wastes Listed Above			
a. # 714309-1-ID		c. Job # FD900438		a. L		c.	
b. # 714309-2-MT		d. PO # FD900438-10		b. R		d.	
15. Special Handling Instructions and Additional Information In case of emergency call 1-800-225-6750							
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.							
Printed/Typed Name Agent for DEC/Linda Scott				Signature <i>Linda Scott</i>		Date Month Day Year 8/19/10	
17. Transporter 1 Acknowledgement of Receipt of Materials				Signature <i>Dennis Hoffman</i>		Date Month Day Year 8/19/10	
18. Transporter 2 Acknowledgement of Receipt of Materials				Signature		Date Month Day Year	
19. Discrepancy Indication Space							
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 18.				Signature <i>Lisa Varnum</i>		Date Month Day Year 8/19/10	

Appendix G

DATA USABILITY SUMMARY REPORT

**COMMERCE SQUARE REMEDIATION PROJECT
LOCKPORT, NEW YORK**

Analyses Performed by:

**TEST AMERICA LABORATORIES, INC.
AMHERST, NEW YORK**

Prepared by:

**URS CORPORATION
77 GOODELL STREET
BUFFALO, NY 14203**

AUGUST 2010

TABLE OF CONTENTS

	<u>Page No.</u>
I. INTRODUCTION	2
II. ANALYTICAL METHODOLOGIES.....	2
III. DATA DELIVERABLE COMPLETENESS	3
IV. PRESERVATION/HOLDING TIMES/SAMPLE RECEIPT	3
V. NON-CONFORMANCES	4
VI. SAMPLE RESULTS AND REPORTING	5
VII. SUMMARY	6

TABLES (Following Text)

Table 1 Summary of Data Qualifications

ATTACHMENTS

Attachment A – Validated Form 1's

Attachment B – Support Documentation

I. INTRODUCTION

This Data Usability Summary Report (DUSR) has been prepared following the guidelines provided in New York State Department of Environmental Conservation (NYSDEC) Division of Environmental Remediation DER-10 Technical Guidance for Site Investigation and Remediation, May 2010, Appendix 2B- Guidance for Data Deliverables and the Development of Data Usability Summary Reports. Analytical data for four soil samples, one soil drum sample, four water samples, four water drum samples, and one trip blank collected on February 26, 2010 – May 21, 2010 from the Commerce Square Remediation Project site are discussed in this DUSR.

II. ANALYTICAL METHODOLOGIES

All samples were sent to Test America Laboratories, Inc. (Amherst, NY) for analysis. The samples were analyzed for target compound list (TCL) volatile organic compounds (VOCs) by United States Environmental Protection Agency (USEPA) Method SW8260B, toxicity characteristic leaching procedure (TCLP) benzene by USEPA Method 1311/8021B, TCL semivolatile organic compounds (SVOCs) by USEPA Method SW8270C, polychlorinated biphenyls (PCBs) by USEPA Method 8082A, TCL metals by USEPA Methods SW6010B/SW7470A/SW7471A, and flashpoint by USEPA Method 1010. Not all samples were analyzed for all parameters. The trip blank was analyzed for VOCs only.

A limited data validation was performed following the guidelines in the following USEPA Region II documents:

Validating Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry SW-846 Method 8260B, SOP HW-24, Rev. 2, August 2008;

Validating Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry SW-846 Method 8270D, SOP HW-22, Rev. 4, August 2008;

Validating PCB Compounds by Gas Chromatography SW-846 Method 8082A, SOP HW-45, Rev. 1, October 2006; and

Validation of Metals for the Contract Laboratory Program (CLP) Based on SOW ILM05.3, SOP HW-2, Rev. 13, September 2006.

The limited validation included: a review of holding times and completeness of all required deliverables; a review of quality control (QC) results [i.e., (blanks, instrument tunings, calibration standards, duplicate analyses, and laboratory control sample (LCS) recoveries] to determine if the data are within the

protocol-required limits and specifications; a determination that all samples were analyzed using established and agreed upon analytical protocols; an evaluation of the raw data to confirm the results provided in the data summary sheets; and a review of laboratory data qualifiers.

Qualifications applied to the data include 'J' (estimated concentration) and 'UJ' (estimated quantitation/detection limit). Definitions of USEPA Region II data qualifiers are presented at the end of this text. A summary of data qualifications is provided in Table 1. Copies of the validated laboratory results (i.e., Form 1's) are presented in Attachment A. Documentation supporting the qualification of data is presented in Attachment B. Only analytical deviations affecting data usability are discussed in this report.

III. DATA DELIVERABLE COMPLETENESS

Full deliverable data packages were provided by the laboratory, which included all reporting forms and raw data necessary to fully evaluate and verify the reported analytical results.

IV. PRESERVATION/HOLDING TIMES/SAMPLE RECEIPT

All samples were received by the laboratory intact, properly preserved, and under proper chain-of-custody (COC) with the following exception:

The samples received by the laboratory on 2/26/10 (B3-16 and B3-18) were at a temperature of 11.8°C. The cooler they were shipped in did not contain any ice. The COC also did not indicate the collection date or times of the samples. In accordance with the validation guidelines all results (VOCS/SVCOC/PCBs/Metals) for these samples have been qualified 'J' or 'UJ' due to the temperature exceedance.

All samples were analyzed within the required holding times unless noted under the Non-Conformance section.

V. NON-CONFORMANCES

Instrument Calibration

The percent difference (%D) between the initial calibration (ICAL) average relative response factor (RRF) and the RRF in one of the continuing calibration (CCAL) standards associated with the soil samples exceeded the QC limit of 20% for VOCs bromoform and carbon disulfide. The results for these compounds in the soil samples listed on Table 1 were qualified 'UJ'.

The %D between the ICAL average RRF and the RRF in one or more of the CCAL standards associated with the water samples exceeded the QC limit of 20% for VOCs 1,2-dibromo-3-chloropropane, bromoform, chloroethane, chloromethane, and/or dibromochloromethane. The results for these compounds in the water samples listed on Table 1 were qualified 'UJ'.

The %D between the ICAL average RRF and the RRF in one or more of the CCAL standards associated with the soil sample exceeded the QC limit of 20% for SVOCs 4-nitrophenol. The results for these compounds in the soil samples listed on Table 1 were qualified 'UJ'.

The %D between the ICAL average RRF and the RRF in one or more of the CCAL standards associated with the water samples exceeded the QC limit of 20% for SVOC 2,4-dinitrophenol. The results for these compounds in the water samples listed on Table 1 were qualified 'UJ'.

The %D in the PCB CCAL standard associated with the soil samples exceeded the QC limit of 15% for aroclors 1016/1260. The results for these aroclors in the soil samples listed on Table 1 were qualified 'UJ'.

Documentation supporting the qualification of data (i.e., VOC/SVOC/PCB Form 7) is presented in Attachment B.

Laboratory Control Samples (LCS)

The %R of SVOC 2-chlorophenol, 4-chloro-3-methylphenol, and acenaphthene in the LCS associated with the water samples was below the lower QC limit. The results for these compounds in the associated water samples (all were non-detect) listed on Table 1 have been qualified 'UJ'.

Documentation supporting the qualification of data (i.e., SVOCs – Form 3) is presented in Attachment B.

Laboratory Blanks

Methylene chloride was detected in the soil VOC laboratory method blank. Soil sample B3-18 had a concentration of this compound less than ten times the blank level and was qualified 'U' at the quantified value.

Methylene chloride was detected in the water VOC laboratory method blank. Water sample BR-2 had a concentration of this compound less than ten times the blank level and was qualified 'U' at the quantitation limit (QL).

Bis(2-ethylhexyl)phthalate and diethyl phthalate was detected in the soil SVOC laboratory method blank. Those soil samples listed in Table 1 had concentrations of this compound less than ten times the blank level and were qualified 'U' at the QL.

Di-n-butylphthalate was detected in the water SVOC laboratory method blank. The water samples listed in Table 1 had concentrations of this compound less than ten times the blank level and were qualified 'U' at the QL.

Cyclohexane and toluene were detected in the soil laboratory method blank. Since the concentration of these compounds in samples GPO-3 6-8 and GPO-3 10-12 were greater than 5x the concentrations detected in the laboratory blank the 'B' qualifier applied by the laboratory has been crossed off the Form Is.

Documentation supporting the qualification of data (i.e., VOC/SVOC - Forms 1, Prep Batch Summary Form) is presented in Attachment B.

Surrogates

The initial SVOC analysis of water sample BR-1 exhibited recoveries of surrogates 2-fluorobiphenyl and nitrobenzene-d₅ below the lower QC limits. The re-extraction of this sample exhibited acceptable recoveries for all surrogate compounds, however, the re-extraction occurred

outside of the holding time. The results from the original analysis have been reported, and the associated base neutral (BN) compounds qualified 'UJ'.

Documentation supporting the qualification of data (i.e., SVOC Form 2) is presented in Attachment B.

VI. SAMPLE RESULTS AND REPORTING

All quantitation/detection limits were reported in accordance with method requirements and were adjusted for sample volume and dilution factors. Results below the quantitation limits were qualified 'J' by the laboratory.

Sample GPO-3 10-12 was analyzed for SVOCs using an initial dilution of 10x due to the dark color and viscosity of the sample extract. The quantitation limits reported for the non-detect compounds represent the lowest achievable at the diluted level.

Sample DRUMS SOIL was analyzed for TCLP benzene using an initial dilution of 5x. The quantitation limit reported represents the lowest achievable at the diluted level. It should be noted that the quantitation limit is two orders of magnitude below the TCLP limit of 500 ug/L.

VII. SUMMARY

All sample analyses were found to be compliant with the method criteria, except where previously noted. Those results qualified 'J' or 'UJ' are considered conditionally usable. All other sample results are usable as reported. URS does not recommend the recollection of any samples at this time.

Prepared By: Ann Marie Kropovitch, Chemist



Date: 8/11/10

Reviewed By: George E. Kisluk, Senior Chemist



Date: 8/11/10

DEFINITIONS OF USEPA REGION II DATA QUALIFIERS

- U – The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- J – The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
- UJ – The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
- R – The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.
- B – The analyte was detected in the sample at a concentration greater than the instrument detection limit, but less than the quantitation limit.
- D – The positive value is the result of an analysis at a secondary dilution factor.

TABLE 1
SUMMARY OF DATA QUALIFICATIONS
COMMERCE SQUARE REMEDIATION PROJECT
LOCKPORT, NEW YORK

Fraction	Affected Samples	Reason for Qualification	Data Qualifier
VOC, SVOC, PCBs, Metals	Soil samples B3-16 and B3-18	Cooler temperature exceeded 10°C.	Qualify detected results 'J' and non-detected results 'UJ'.
VOC	Soil samples GPO-3 6-8 and GPO-3 10-12	CCAL %D > 20% for bromoform and carbon disulfide.	Qualify non-detected results 'UJ'.
VOC	Trip Blank	CCAL %D > 20% 1,2-dibromo-3-chloropropane, bromoform, and dibromochloromethane.	Qualify non-detected results 'UJ'.
VOC	Water samples BR-1, BR-2, BR-3, and BR-4	CCAL %D > 20% 1,2-dibromo-3-chloropropane, bromoform, chloroethane, chloromethane, and dibromochloromethane.	Qualify non-detected results 'UJ'.
VOC	Soil sample B3-18	Methylene chloride detected in the laboratory method blank.	Qualify results 'U' at the quantified value.
VOC	Water sample BR-2	Methylene chloride detected in the laboratory method blank.	Qualify results 'U' at the QL.
SVOC	Soil samples GPO-3 6-8 and GPO-3 10-12	CCAL %D > 20% for 4-nitrophenol.	Qualify non-detected results 'UJ'.
SVOC	Water samples BR-1, BR-2, BR-3, and BR-4	CCAL %D > 20% for 2,4-dinitrophenol.	Qualify non-detected results 'UJ'.
SVOC	Water samples BR-1, BR-2, BR-3, and BR-4	LCS %R < QC limit for 2-chlorophenol, 4-chloro-3-methylphenol, and acenaphthene.	Qualify non-detected results 'UJ'.
SVOC	Soil samples B3-16 and B3-18	Bis(2-ethylhexyl)phthalate and diethyl phthalate detected in the laboratory method blank.	Qualify results 'U' at the QL.
SVOC	Water samples BR-1, BR-2, BR-3, and BR-4	Di-n-butylphthalate detected in the laboratory method blank.	Qualify results 'U' at the QL.
SVOC	Water sample BR-1	%R for surrogates 2-fluorobiphenyl and nitrobenzene-d ₅ < QC limits.	Qualify non-detected base neutral compounds 'UJ'.
PCBs	Soil samples GPO-3 6-8 and GPO-3 10-12	%D CCAL > 15% for aroclors 1016 and 1260.	Qualify non-detected results 'UJ'.

ATTACHMENT A

VALIDATED FORM 1's

Form 1
ORGANIC ANALYSIS DATA SHEET

8260B

B3-16

Laboratory: TestAmerica Buffalo SDG: _____
 Client: New York State D.E.C. - Buffalo, NY Project: NYSDEC-Commerce Square: Spill# E932141
 Matrix: Solid Laboratory ID: RTB1089-01 File ID: F3148.D
 Sampled: 02/26/10 00:00 Prepared: 02/26/10 19:43 Analyzed: 02/27/10 00:03
 Solids: 83.30 Preparation: 5030B MS Initial/Final: 5.06 g / 5 mL
 Batch: 10B1581 Sequence: T000675 Calibration: R10B040 Instrument: HP5973F

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg)	Q
71-55-6	1,1,1-Trichloroethane	1	5.9	U <i>5</i>
79-34-5	1,1,2,2-Tetrachloroethane	1	5.9	U <i>1</i>
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1	5.9	U <i>1</i>
79-00-5	1,1,2-Trichloroethane	1	5.9	U <i>1</i>
75-34-3	1,1-Dichloroethane	1	3.6	J
75-35-4	1,1-Dichloroethene	1	5.9	U <i>5</i>
120-82-1	1,2,4-Trichlorobenzene	1	5.9	U <i>1</i>
96-12-8	1,2-Dibromo-3-chloropropane	1	5.9	U <i>1</i>
106-93-4	1,2-Dibromoethane	1	5.9	U <i>1</i>
95-50-1	1,2-Dichlorobenzene	1	5.9	U <i>1</i>
107-06-2	1,2-Dichloroethane	1	5.9	U <i>1</i>
78-87-5	1,2-Dichloropropane	1	5.9	U <i>1</i>
541-73-1	1,3-Dichlorobenzene	1	5.9	U <i>1</i>
106-46-7	1,4-Dichlorobenzene	1	5.9	U <i>1</i>
78-93-3	2-Butanone	1	30	U <i>1</i>
591-78-6	2-Hexanone	1	30	U <i>1</i>
108-10-1	4-Methyl-2-pentanone	1	30	U <i>1</i>
67-64-1	Acetone	1	7.2	J
71-43-2	Benzene	1	5.9	U <i>5</i>
75-27-4	Bromodichloromethane	1	5.9	U <i>1</i>
75-25-2	Bromoform	1	5.9	U <i>1</i>
74-83-9	Bromomethane	1	5.9	U <i>1</i>
75-15-0	Carbon disulfide	1	5.9	U <i>1</i>
56-23-5	Carbon Tetrachloride	1	5.9	U <i>1</i>
108-90-7	Chlorobenzene	1	5.9	U <i>1</i>
75-00-3	Chloroethane	1	5.9	U <i>1</i>
67-66-3	Chloroform	1	5.9	U <i>1</i>
74-87-3	Chloromethane	1	5.9	U <i>1</i>
156-59-2	cis-1,2-Dichloroethene	1	<i>310 -350</i>	<i>EDS</i>
10061-01-5	cis-1,3-Dichloropropene	1	5.9	U <i>5</i>
110-82-7	Cyclohexane	1	5.9	U <i>1</i>
124-48-1	Dibromochloromethane	1	5.9	U <i>1</i>
75-71-8	Dichlorodifluoromethane	1	5.9	U <i>1</i>
100-41-4	Ethylbenzene	1	5.9	U <i>1</i>
98-82-8	Isopropylbenzene	1	5.9	U <i>1</i>
79-20-9	Methyl Acetate	1	5.9	U <i>1</i>
108-87-2	Methylcyclohexane	1	5.9	U <i>1</i>
75-09-2	Methylene Chloride	1	5.6	J
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1	5.9	U <i>5</i>

QW
8/9/10

Form 1
ORGANIC ANALYSIS DATA SHEET
8260B

B3-16

Laboratory: TestAmerica Buffalo SDG: _____
 Client: New York State D.E.C. - Buffalo, NY Project: NYSDEC-Commerce Square: Spill# E932141
 Matrix: Solid Laboratory ID: RTB1089-01 File ID: F3148.D
 Sampled: 02/26/10 00:00 Prepared: 02/26/10 19:43 Analyzed: 02/27/10 00:03
 Solids: 83.30 Preparation: 5030B MS Initial/Final: 5.06 g / 5 mL
 Batch: 10B1581 Sequence: T000675 Calibration: R10B040 Instrument: HP5973F

CAS NO.		COMPOUND	DILUTION	CONC. (ug/kg)		Q
100-42-5		Styrene	1	5.9		U <i>J</i>
127-18-4		Tetrachloroethene	1	15		<i>J</i>
108-88-3		Toluene	1	5.9		U <i>J</i>
156-60-5		trans-1,2-Dichloroethene	1	5.9		U <i>J</i>
10061-02-6		trans-1,3-Dichloropropene	1	5.9		U <i>J</i>
79-01-6		Trichloroethene	1	4.9		J
75-69-4		Trichlorofluoromethane	1	5.9		U <i>J</i>
75-01-4		Vinyl chloride	1	5.9		U <i>J</i>
1330-20-7		Xylenes, total	1	12		U <i>J</i>
SYSTEM MONITORING COMPOUND			ADDED (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS
1,2-Dichloroethane-d4			50.0	39.3	79	64 - 126
4-Bromofluorobenzene			50.0	50.0	100	72 - 126
Toluene-d8			50.0	45.9	92	71 - 125
INTERNAL STANDARD			AREA	RT	REF AREA	REF RT
1,4-Dichlorobenzene-d4			253428	9.36	211727	9.36
1,4-Difluorobenzene			412130	4.32	356609	4.31
Chlorobenzene-d5			219556	6.92	194208	6.92

* Values outside of QC limits

OK
8/9/10

Form 1
ORGANIC ANALYSIS DATA SHEET

8260B

B3-16

Laboratory: TestAmerica Buffalo SDG:
 Client: New York State D.E.C. - Buffalo, NY Project: NYSDEC-Commerce Square: Spill# E932141
 Matrix: Solid Laboratory ID: RTB1089-01RE1 File ID: F3213 D
 Sampled: 02/26/10 00:00 Prepared: 02/27/10 13:26 Analyzed: 03/03/10 02:02
 Solids: 83.30 Preparation: 5030B MS Initial/Final: 1.14 g / 5 mL
 Batch: 10B1594 Sequence: T000678 Calibration: R10B106 Instrument: HP5973F

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg)	Q
71-55-6	1,1,1-Trichloroethane	1	26	U-5
79-34-5	1,1,2,2-Tetrachloroethane	1	26	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1	26	U
79-00-5	1,1,2-Trichloroethane	1	26	U
75-34-3	1,1-Dichloroethane	1	26	U
75-35-4	1,1-Dichloroethene	1	26	U
120-82-1	1,2,4-Trichlorobenzene	1	26	U
96-12-8	1,2-Dibromo-3-chloropropane	1	26	U
106-93-4	1,2-Dibromoethane	1	26	U
95-50-1	1,2-Dichlorobenzene	1	26	U
107-06-2	1,2-Dichloroethane	1	26	U
78-87-5	1,2-Dichloropropane	1	26	U
541-73-1	1,3-Dichlorobenzene	1	26	U
106-46-7	1,4-Dichlorobenzene	1	26	U
78-93-3	2-Butanone	1	130	U
591-78-6	2-Hexanone	1	130	U
108-10-1	4-Methyl-2-pentanone	1	130	U
67-64-1	Acetone	1	15	J
71-43-2	Benzene	1	26	U-5
75-27-4	Bromodichloromethane	1	26	U
75-25-2	Bromoform	1	26	U
74-83-9	Bromomethane	1	26	U
75-15-0	Carbon disulfide	1	26	U
56-23-5	Carbon Tetrachloride	1	26	U
108-90-7	Chlorobenzene	1	26	U
75-00-3	Chloroethane	1	26	U
67-66-3	Chloroform	1	26	U
74-87-3	Chloromethane	1	26	U
156-59-2	cis-1,2-Dichloroethene	1	310	
10061-01-5	cis-1,3-Dichloropropene	1	26	U
110-82-7	Cyclohexane	1	26	U
124-48-1	Dibromochloromethane	1	26	U
75-71-8	Dichlorodifluoromethane	1	26	U
100-41-4	Ethylbenzene	1	26	U
98-82-8	Isopropylbenzene	1	26	U
79-20-9	Methyl Acetate	1	26	U
108-87-2	Methylcyclohexane	1	26	U
75-09-2	Methylene Chloride	1	30	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1	26	U

61/806

Handwritten signature and date 8/19/10

Form 1
ORGANIC ANALYSIS DATA SHEET
8260B

B3-16

Laboratory: TestAmerica Buffalo SDG: _____
 Client: New York State D.E.C. - Buffalo, NY Project: NYSDEC-Commerce Square: Spill# E992141
 Matrix: Solid Laboratory ID: RTB1089-01RE1 File ID: F3213.D
 Sampled: 02/26/10 00:00 Prepared: 02/27/10 13:26 Analyzed: 03/03/10 02:02
 Solids: 83.30 Preparation: 5030B MS Initial/Final: 1.14 g / 5 mL
 Batch: 10B1594 Sequence: T000678 Calibration: R10B106 Instrument: HP5973F

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg)	Q		
100-42-5	Styrene	1	26	U 3		
127-18-4	Tetrachloroethene	1	18	J		
108-88-3	Toluene	1	26	U 3		
156-60-5	trans-1,2-Dichloroethene	1	26	U		
10061-02-6	trans-1,3-Dichloropropene	1	26	U		
79-01-6	Trichloroethene	1	26	U		
75-69-4	Trichlorofluoromethane	1	26	U		
75-01-4	Vinyl chloride	1	26	U		
1330-20-7	Xylenes, total	1	53	U		
SYSTEM MONITORING COMPOUND		ADDED (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4		50.0	46.6	93	64 - 126	
4-Bromofluorobenzene		50.0	47.8	96	72 - 126	
Toluene-d8		50.0	50.9	102	71 - 125	
INTERNAL STANDARD		AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4		368202	9.36	360045	9.36	
1,4-Difluorobenzene		740984	4.32	714955	4.32	
Chlorobenzene-d5		322284	6.91	311241	6.91	

* Values outside of QC limits

Handwritten signature and date: 2/27/10

Form 1
ORGANIC ANALYSIS DATA SHEET
8260B

B3-18

Laboratory: TestAmerica Buffalo SDG: _____
 Client: New York State D.E.C. - Buffalo, NY Project: NYSDEC-Commerce Square: Spill# E932141
 Matrix: Solid Laboratory ID: RTB1089-02 File ID: F3212.D
 Sampled: 02/26/10 00:00 Prepared: 02/27/10 13:26 Analyzed: 03/03/10 01:36
 Solids: 82.93 Preparation: 5030B MS Initial/Final: 5.03 g / 5 mL
 Batch: 10B1594 Sequence: T000678 Calibration: R10B106 Instrument: HP5973F

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg)	Q
71-55-6	1,1,1-Trichloroethane	1	6.0	U-5
79-34-5	1,1,2,2-Tetrachloroethane	1	6.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1	6.0	U
79-00-5	1,1,2-Trichloroethane	1	4.5	J
75-34-3	1,1-Dichloroethane	1	6.0	U-5
75-35-4	1,1-Dichloroethene	1	6.0	U
120-82-1	1,2,4-Trichlorobenzene	1	6.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	6.0	U
106-93-4	1,2-Dibromoethane	1	6.0	U
95-50-1	1,2-Dichlorobenzene	1	6.0	U
107-06-2	1,2-Dichloroethane	1	6.0	U
78-87-5	1,2-Dichloropropane	1	6.0	U
541-73-1	1,3-Dichlorobenzene	1	6.0	U
106-46-7	1,4-Dichlorobenzene	1	6.0	U
78-93-3	2-Butanone	1	30	U
591-78-6	2-Hexanone	1	30	U
108-10-1	4-Methyl-2-pentanone	1	30	U
67-64-1	Acetone	1	4.1	J
71-43-2	Benzene	1	6.0	U-5
75-27-4	Bromodichloromethane	1	6.0	U
75-25-2	Bromoform	1	6.0	U
74-83-9	Bromomethane	1	6.0	U
75-15-0	Carbon disulfide	1	6.0	U
56-23-5	Carbon Tetrachloride	1	6.0	U
108-90-7	Chlorobenzene	1	6.0	U
75-00-3	Chloroethane	1	6.0	U
67-66-3	Chloroform	1	6.0	U
74-87-3	Chloromethane	1	6.0	U
156-59-2	cis-1,2-Dichloroethene	1	43	
10061-01-5	cis-1,3-Dichloropropene	1	6.0	U
110-82-7	Cyclohexane	1	6.0	U
124-48-1	Dibromochloromethane	1	6.0	U
75-71-8	Dichlorodifluoromethane	1	6.0	U
100-41-4	Ethylbenzene	1	6.0	U
98-82-8	Isopropylbenzene	1	6.0	U
79-20-9	Methyl Acetate	1	6.0	U
108-87-2	Methylcyclohexane	1	6.0	U
75-09-2	Methylene Chloride	1	7.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1	6.0	U

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Form Rev: 11/23/09

Printed: 06/16/2010

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Form 1
ORGANIC ANALYSIS DATA SHEET
8260B

B3-18

Laboratory: TestAmerica Buffalo SDG:
 Client: New York State D.E.C. - Buffalo, NY Project: NYSDEC-Commerce Square: Spill# E932141
 Matrix: Solid Laboratory ID: RTB1089-02 File ID: F3212.D
 Sampled: 02/26/10 00:00 Prepared: 02/27/10 13:26 Analyzed: 03/03/10 01:36
 Solids: 82.93 Preparation: 5030B MS Initial/Final: 5.03 g / 5 mL
 Batch: 10B1594 Sequence: T000678 Calibration: R10B106 Instrument: HP5973F

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg)	Q		
100-42-5	Styrene	1	6.0	U		
127-18-4	Tetrachloroethene	1	6.0	U		
108-88-3	Toluene	1	6.0	U		
156-60-5	trans-1,2-Dichloroethene	1	6.0	U		
10061-02-6	trans-1,3-Dichloropropene	1	6.0	U		
79-01-6	Trichloroethene	1	1100-680	U		
75-69-4	Trichlorofluoromethane	1	6.0	U		
75-01-4	Vinyl chloride	1	6.0	U		
1330-20-7	Xylenes, total	1	12	U		
SYSTEM MONITORING COMPOUND		ADDED (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4		50.0	49.8	100	64 - 126	
4-Bromofluorobenzene		50.0	47.8	96	72 - 126	
Toluene-d8		50.0	49.9	100	71 - 125	
INTERNAL STANDARD		AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4		388749	9.36	360045	9.36	
1,4-Difluorobenzene		758451	4.32	714955	4.32	
Chlorobenzene-d5		338274	6.91	311241	6.91	

* Values outside of QC limits

Handwritten signature and date: 8/16/10

Form 1
ORGANIC ANALYSIS DATA SHEET

8260B

B3-18

Laboratory: TestAmerica Buffalo SDG: _____
 Client: New York State D.E.C. - Buffalo, NY Project: NYSDEC-Commerce Square: Spill# E932141
 Matrix: Solid Laboratory ID: RTB1089-02RE1 File ID: S4337.D
 Sampled: 02/26/10 00:00 Prepared: 03/05/10 10:02 Analyzed: 03/05/10 19:45
 Solids: 82.93 Preparation: Methanol Prep Initial/Final: 5.16 g / 500 mL
 Batch: 10C0342 Sequence: T000759 Calibration: R10B104 Instrument: HP5973S

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg)	Q
71-55-6	1,1,1-Trichloroethane	1	120	U
79-34-5	1,1,2,2-Tetrachloroethane	1	120	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1	120	U
79-00-5	1,1,2-Trichloroethane	1	120	U
75-34-3	1,1-Dichloroethane	1	120	U
75-35-4	1,1-Dichloroethene	1	120	U
120-82-1	1,2,4-Trichlorobenzene	1	120	U
96-12-8	1,2-Dibromo-3-chloropropane	1	120	U
106-93-4	1,2-Dibromoethane	1	120	U
95-50-1	1,2-Dichlorobenzene	1	120	U
107-06-2	1,2-Dichloroethane	1	120	U
78-87-5	1,2-Dichloropropane	1	120	U
541-73-1	1,3-Dichlorobenzene	1	120	U
106-46-7	1,4-Dichlorobenzene	1	120	U
78-93-3	2-Butanone	1	580	U
591-78-6	2-Hexanone	1	580	U
108-10-1	4-Methyl-2-pentanone	1	580	U
67-64-1	Acetone	1	580	U
71-43-2	Benzene	1	95	J
75-27-4	Bromodichloromethane	1	120	U
75-25-2	Bromoform	1	120	U
74-83-9	Bromomethane	1	120	U
75-15-0	Carbon disulfide	1	120	U
56-23-5	Carbon Tetrachloride	1	120	U
108-90-7	Chlorobenzene	1	120	U
75-00-3	Chloroethane	1	120	U
67-66-3	Chloroform	1	120	U
74-87-3	Chloromethane	1	120	U
156-59-2	cis-1,2-Dichloroethene	1	120	U
10061-01-5	cis-1,3-Dichloropropene	1	120	U
110-82-7	Cyclohexane	1	120	U
124-48-1	Dibromochloromethane	1	120	U
75-71-8	Dichlorodifluoromethane	1	120	U
100-41-4	Ethylbenzene	1	120	U
98-82-8	Isopropylbenzene	1	120	U
79-20-9	Methyl Acetate	1	120	U
108-87-2	Methylcyclohexane	1	120	U
75-09-2	Methylene Chloride	1	120	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1	120	U

76/806

Form Rev: 11/23/09

Printed: 06/16/2010

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8/10/10

Form 1
ORGANIC ANALYSIS DATA SHEET

8260B

B3-18

Laboratory: TestAmerica Buffalo SDG: _____
 Client: New York State D.E.C. - Buffalo, NY Project: NYSDEC-Commerce Square: Spill# E932141
 Matrix: Solid Laboratory ID: RTB1089-02RE1 File ID: S4337.D
 Sampled: 02/26/10 00:00 Prepared: 03/05/10 10:02 Analyzed: 03/05/10 19:45
 Solids: 82.93 Preparation: Methanol Prep Initial/Final: 5.16 g / 500 mL
 Batch: 10C0342 Sequence: T000759 Calibration: R10B104 Instrument: HP5973S

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg)	Q		
100-42-5	Styrene	1	120	U <i>5</i>		
127-18-4	Tetrachloroethene	1	120	U		
108-88-3	Toluene	1	120	U		
156-60-5	trans-1,2-Dichloroethene	1	120	U		
10061-02-6	trans-1,3-Dichloropropene	1	120	U		
79-01-6	Trichloroethene	1	1100			
75-69-4	Trichlorofluoromethane	1	120	U		
75-01-4	Vinyl chloride	1	230	U		
1330-20-7	Xylenes, total	1	230	U <i>3</i>		
SYSTEM MONITORING COMPOUND		ADDED (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4		2920	2860	98	10 - 190	
4-Bromofluorobenzene		2920	2740	94	10 - 190	
Toluene-d8		2920	2930	100	10 - 190	
INTERNAL STANDARD		AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4		170308	9.05	192089	9.05	
1,4-Difluorobenzene		378044	4.99	412654	4.99	
Chlorobenzene-d5		195353	7.19	214274	7.19	

* Values outside of QC limits

OK
8/9/10

Form 1
ORGANIC ANALYSIS DATA SHEET
8260B

BR-1

Laboratory: TestAmerica Buffalo SDG:
Client: New York State D.E.C. - Buffalo, NY Project: NYSDEC-Commerce Square: Spill# E932141
Matrix: Water Laboratory ID: RTE1137-01 File ID: S6976.D
Sampled: 05/21/10 11:40 Prepared: 05/27/10 12:45 Analyzed: 05/27/10 15:13
Solids: Preparation: 5030B MS Initial/Final: 5 mL / 5 mL
Batch: 10E2196 Sequence: T002303 Calibration: R10E075 Instrument: HP5973S

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1	1.0	U
79-00-5	1,1,2-Trichloroethane	1	1.0	U
75-34-3	1,1-Dichloroethane	1	1.0	U
75-35-4	1,1-Dichloroethene	1	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1.0	U-3
106-93-4	1,2-Dibromoethane	1	1.0	U
95-50-1	1,2-Dichlorobenzene	1	1.0	U
107-06-2	1,2-Dichloroethane	1	1.0	U
78-87-5	1,2-Dichloropropane	1	1.0	U
541-73-1	1,3-Dichlorobenzene	1	1.0	U
106-46-7	1,4-Dichlorobenzene	1	1.0	U
78-93-3	2-Butanone	1	5.0	U
591-78-6	2-Hexanone	1	5.0	U
108-10-1	4-Methyl-2-pentanone	1	5.0	U
67-64-1	Acetone	1	5.6	
71-43-2	Benzene	1	1.0	U
75-27-4	Bromodichloromethane	1	1.0	U
75-25-2	Bromoform	1	1.0	U-3
74-83-9	Bromomethane	1	1.0	U
75-15-0	Carbon disulfide	1	1.0	U
56-23-5	Carbon Tetrachloride	1	1.0	U
108-90-7	Chlorobenzene	1	1.0	U
75-00-3	Chloroethane	1	1.0	U-3
67-66-3	Chloroform	1	0.81	J
74-87-3	Chloromethane	1	1.0	U-3
156-59-2	cis-1,2-Dichloroethene	1	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1	1.0	U
110-82-7	Cyclohexane	1	1.0	U
124-48-1	Dibromochloromethane	1	1.0	U-3
75-71-8	Dichlorodifluoromethane	1	1.0	U
100-41-4	Ethylbenzene	1	1.0	U
98-82-8	Isopropylbenzene	1	1.0	U
79-20-9	Methyl Acetate	1	1.0	U
108-87-2	Methylcyclohexane	1	1.0	U
75-09-2	Methylene Chloride	1	1.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1	0.73	J

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Form 1
ORGANIC ANALYSIS DATA SHEET
8260B

BR-1

Laboratory: TestAmerica Buffalo SDG:
 Client: New York State D.E.C. - Buffalo, NY Project: NYSDEC-Commerce Square: Spill# E932141
 Matrix: Water Laboratory ID: RTE1137-01 File ID: S6976.D
 Sampled: 05/21/10 11:40 Prepared: 05/27/10 12:45 Analyzed: 05/27/10 15:13
 Solids: Preparation: 5030B MS Initial/Final: 5 mL / 5 mL
 Batch: 10E2196 Sequence: T002303 Calibration: R10E075 Instrument: HP5973S

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)		Q	
100-42-5	Styrene	1	1.0		U	
127-18-4	Tetrachloroethene	1	1.0		U	
108-88-3	Toluene	1	1.0		U	
156-60-5	trans-1,2-Dichloroethene	1	1.0		U	
10061-02-6	trans-1,3-Dichloropropene	1	1.0		U	
79-01-6	Trichloroethene	1	1.0		U	
75-69-4	Trichlorofluoromethane	1	1.0		U	
75-01-4	Vinyl chloride	1	1.0		U	
1330-20-7	Xylenes, total	1	2.0		U	
SYSTEM MONITORING COMPOUND		ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4		25.0	25.6	102	66 - 137	
4-Bromofluorobenzene		25.0	27.9	112	73 - 120	
Toluene-d8		25.0	26.6	107	71 - 126	
INTERNAL STANDARD		AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4		151936	9.05	160009	9.05	
1,4-Difluorobenzene		286265	4.99	272753	4.99	
Chlorobenzene-d5		179981	7.19	179091	7.19	

* Values outside of QC limits

Form 1
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8260B

BR-2

Laboratory: TestAmerica Buffalo SDG:
Client: New York State D.E.C. - Buffalo, NY Project: NYSDEC-Commerce Square: Spill# E932141
Matrix: Water Laboratory ID: RTE1137-02 File ID: S6977.D
Sampled: 05/21/10 12:30 Prepared: 05/27/10 12:45 Analyzed: 05/27/10 15:38
Solids: Preparation: 5030B MS Initial/Final: 5 mL / 5 mL
Batch: 10E2196 Sequence: T002303 Calibration: R10E075 Instrument: HP5973S

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1	1.0	U
79-00-5	1,1,2-Trichloroethane	1	1.0	U
75-34-3	1,1-Dichloroethane	1	1.0	U
75-35-4	1,1-Dichloroethene	1	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1.0	U <i>J</i>
106-93-4	1,2-Dibromoethane	1	1.0	U
95-50-1	1,2-Dichlorobenzene	1	1.0	U
107-06-2	1,2-Dichloroethane	1	1.0	U
78-87-5	1,2-Dichloropropane	1	1.0	U
541-73-1	1,3-Dichlorobenzene	1	1.0	U
106-46-7	1,4-Dichlorobenzene	1	1.0	U
78-93-3	2-Butanone	1	5.0	U
591-78-6	2-Hexanone	1	5.0	U
108-10-1	4-Methyl-2-pentanone	1	5.0	U
67-64-1	Acetone	1	7.8	
71-43-2	Benzene	1	78	
75-27-4	Bromodichloromethane	1	0.74	J
75-25-2	Bromoform	1	1.0	U <i>J</i>
74-83-9	Bromomethane	1	1.0	U
75-15-0	Carbon disulfide	1	1.0	U
56-23-5	Carbon Tetrachloride	1	1.0	U
108-90-7	Chlorobenzene	1	1.0	U
75-00-3	Chloroethane	1	1.0	U <i>J</i>
67-66-3	Chloroform	1	14	
74-87-3	Chloromethane	1	1.0	U <i>J</i>
156-59-2	cis-1,2-Dichloroethene	1	350 360	U <i>U</i>
10061-01-5	cis-1,3-Dichloropropene	1	1.0	U
110-82-7	Cyclohexane	1	1.5	
124-48-1	Dibromochloromethane	1	1.0	U <i>J</i>
75-71-8	Dichlorodifluoromethane	1	1.0	U
100-41-4	Ethylbenzene	1	1.2	
98-82-8	Isopropylbenzene	1	1.0	U
79-20-9	Methyl Acetate	1	1.0	U
108-87-2	Methylcyclohexane	1	1.0	
75-09-2	Methylene Chloride	1	1.0 -0.51	U <i>U</i>
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1	1.0	U

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Form 1
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BR-2

Laboratory: TestAmerica Buffalo SDG:
 Client: New York State D.E.C. - Buffalo, NY Project: NYSDEC-Commerce Square: Spill# E932141
 Matrix: Water Laboratory ID: RTE1137-02 File ID: S6977.D
 Sampled: 05/21/10 12:30 Prepared: 05/27/10 12:45 Analyzed: 05/27/10 15:38
 Solids: Preparation: 5030B MS Initial/Final: 5 mL / 5 mL
 Batch: 10E2196 Sequence: T002303 Calibration: R10E075 Instrument: HP5973S

CAS NO.	COMPOUND		DILUTION	CONC. (ug/L)		Q
100-42-5	Styrene		1	1.0		U
127-18-4	Tetrachloroethene		1	0.91		J
108-88-3	Toluene		1	2.2		
156-60-5	trans-1,2-Dichloroethene		1	16		
10061-02-6	trans-1,3-Dichloropropene		1	1.0		U
79-01-6	Trichloroethene		1	130 120		U ED
75-69-4	Trichlorofluoromethane		1	1.0		U
75-01-4	Vinyl chloride		1	25		
1330-20-7	Xylenes, total		1	2.0		U
SYSTEM MONITORING COMPOUND		ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4		25.0	25.3	101	66 - 137	
4-Bromofluorobenzene		25.0	27.8	111	73 - 120	
Toluene-d8		25.0	26.4	106	71 - 126	
INTERNAL STANDARD		AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4		153231	9.05	160009	9.05	
1,4-Difluorobenzene		298039	4.99	272753	4.99	
Chlorobenzene-d5		183679	7.19	179091	7.19	

* Values outside of QC limits

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Form 1
ORGANIC ANALYSIS DATA SHEET
8260B

BR-2

Laboratory: TestAmerica Buffalo SDG:
Client: New York State D.E.C. - Buffalo, NY Project: NYSDEC-Commerce Square: Spill# E032141
Matrix: Water Laboratory ID: RTE1137-02RE1 File ID: G9048.D
Sampled: 05/21/10 12:30 Prepared: 05/27/10 12:45 Analyzed: 05/28/10 13:26
Solids: Preparation: 5030B MS Initial/Final: 5 mL / 5 mL
Batch: 10E2324 Sequence: T002328 Calibration: R10E143 Instrument: HP5973G

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	4	4.0	UD
79-34-5	1,1,2,2-Tetrachloroethane	4	4.0	UD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	4	4.0	UD
79-00-5	1,1,2-Trichloroethane	4	4.0	UD
75-34-3	1,1-Dichloroethane	4	4.0	UD
75-35-4	1,1-Dichloroethene	4	4.0	UD
120-82-1	1,2,4-Trichlorobenzene	4	4.0	UD
96-12-8	1,2-Dibromo-3-chloropropane	4	4.0	UD
106-93-4	1,2-Dibromoethane	4	4.0	UD
95-50-1	1,2-Dichlorobenzene	4	4.0	UD
107-06-2	1,2-Dichloroethane	4	4.0	UD
78-87-5	1,2-Dichloropropane	4	4.0	UD
541-73-1	1,3-Dichlorobenzene	4	4.0	UD
106-46-7	1,4-Dichlorobenzene	4	4.0	UD
78-93-3	2-Butanone	4	20	UD
591-78-6	2-Hexanone	4	20	UD
108-10-1	4-Methyl-2-pentanone	4	20	UD
67-64-1	Acetone	4	12	JD
71-43-2	Benzene	4	75	D
75-27-4	Bromodichloromethane	4	4.0	UD
75-25-2	Bromoform	4	4.0	UD 5
74-83-9	Bromomethane	4	4.0	UD
75-15-0	Carbon disulfide	4	4.0	UD
56-23-5	Carbon Tetrachloride	4	4.0	UD
108-90-7	Chlorobenzene	4	4.0	UD
75-00-3	Chloroethane	4	4.0	UD
67-66-3	Chloroform	4	15	D
74-87-3	Chloromethane	4	4.0	UD
156-59-2	cis-1,2-Dichloroethene	4	350	D
10061-01-5	cis-1,3-Dichloropropene	4	4.0	UD
110-82-7	Cyclohexane	4	4.0	UD
124-48-1	Dibromochloromethane	4	4.0	UD
75-71-8	Dichlorodifluoromethane	4	4.0	UD
100-41-4	Ethylbenzene	4	4.0	UD
98-82-8	Isopropylbenzene	4	4.0	UD
79-20-9	Methyl Acetate	4	4.0	UD
108-87-2	Methylcyclohexane	4	4.0	UD
75-09-2	Methylene Chloride	4	3.4	JD
1634-04-4	Methyl-t-Butyl Ether (MTBE)	4	4.0	UD

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BR-2

Laboratory: TestAmerica Buffalo SDG: _____
 Client: New York State D.E.C. - Buffalo, NY Project: NYSDEC-Commerce Square: Spill# E932141
 Matrix: Water Laboratory ID: RTE1137-02RE1 File ID: G9048.D
 Sampled: 05/21/10 12:30 Prepared: 05/27/10 12:45 Analyzed: 05/28/10 13:26
 Solids: _____ Preparation: 5030B MS Initial/Final: 5 mL / 5 mL
 Batch: 10E2324 Sequence: T002328 Calibration: R10E143 Instrument: HP5973G

CAS NO.	COMPOUND		DILUTION	CONC. (ug/L)		Q
100-42-5	Styrene		4	4.0		UD
127-18-4	Tetrachloroethene		4	4.0		UD
108-88-3	Toluene		4	2.3		JD
156-60-5	trans-1,2-Dichloroethene		4	14		D
10061-02-6	trans-1,3-Dichloropropene		4	4.0		UD
79-01-6	Trichloroethene		4	130		D
75-69-4	Trichlorofluoromethane		4	4.0		UD
75-01-4	Vinyl chloride		4	23		D
1330-20-7	Xylenes, total		4	8.0		UD
SYSTEM MONITORING COMPOUND		ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4		25.0	25.8	103	66 - 137	D
4-Bromofluorobenzene		25.0	23.5	94	73 - 120	D
Toluene-d8		25.0	25.3	101	71 - 126	D
INTERNAL STANDARD		AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4		123538	11.09	129411	11.09	
1,4-Difluorobenzene		265449	5.84	267707	5.83	
Chlorobenzene-d5		131149	8.73	134650	8.73	

* Values outside of QC limits

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Form 1
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8260B

BR-3

Laboratory: TestAmerica Buffalo SDG:
Client: New York State D.E.C. - Buffalo, NY Project: NYSDEC-Commerce Square: Spill# E932141
Matrix: Water Laboratory ID: RTE1137-03 File ID: S6978.D
Sampled: 05/21/10 13:30 Prepared: 05/27/10 12:45 Analyzed: 05/27/10 16:02
Solids: Preparation: 5030B MS Initial/Final: 5 mL / 5 mL
Batch: 10E2196 Sequence: T002303 Calibration: R10E075 Instrument: HP5973S

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1	1.0	U
79-00-5	1,1,2-Trichloroethane	1	1.0	U
75-34-3	1,1-Dichloroethane	1	3.2	
75-35-4	1,1-Dichloroethene	1	3.3	
120-82-1	1,2,4-Trichlorobenzene	1	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1.0	U-3
106-93-4	1,2-Dibromoethane	1	1.0	U
95-50-1	1,2-Dichlorobenzene	1	1.0	U
107-06-2	1,2-Dichloroethane	1	1.0	U
78-87-5	1,2-Dichloropropane	1	1.0	U
541-73-1	1,3-Dichlorobenzene	1	1.0	U
106-46-7	1,4-Dichlorobenzene	1	1.0	U
78-93-3	2-Butanone	1	5.0	U
591-78-6	2-Hexanone	1	5.0	U
108-10-1	4-Methyl-2-pentanone	1	5.0	U
67-64-1	Acetone	1	6.9	
71-43-2	Benzene	1	41	
75-27-4	Bromodichloromethane	1	1.0	U
75-25-2	Bromoform	1	1.0	U-3
74-83-9	Bromomethane	1	1.0	U
75-15-0	Carbon disulfide	1	1.0	U
56-23-5	Carbon Tetrachloride	1	1.0	U
108-90-7	Chlorobenzene	1	1.0	U
75-00-3	Chloroethane	1	1.0	U-3
67-66-3	Chloroform	1	1.2	
74-87-3	Chloromethane	1	1.0	U-3
156-59-2	cis-1,2-Dichloroethene	1	640 610	E/D
10061-01-5	cis-1,3-Dichloropropene	1	1.0	U
110-82-7	Cyclohexane	1	2.1	
124-48-1	Dibromochloromethane	1	1.0	U-3
75-71-8	Dichlorodifluoromethane	1	1.0	U
100-41-4	Ethylbenzene	1	3.0	
98-82-8	Isopropylbenzene	1	1.0	U
79-20-9	Methyl Acetate	1	1.0	U
108-87-2	Methylcyclohexane	1	3.0	
75-09-2	Methylene Chloride	1	1.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1	0.70	J

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BR-3

Laboratory: TestAmerica Buffalo SDG:
Client: New York State D.E.C. - Buffalo, NY Project: NYSDEC-Commerce Square: Spill# E932141
Matrix: Water Laboratory ID: RTE1137-03 File ID: S6978.D
Sampled: 05/21/10 13:30 Prepared: 05/27/10 12:45 Analyzed: 05/27/10 16:02
Solids: Preparation: 5030B MS Initial/Final: 5 mL / 5 mL
Batch: 10E2196 Sequence: T002303 Calibration: R10E075 Instrument: HP5973S

Batch: 1022172		Sequence: 00	
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* Values outside of QC limits

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BR-3

Laboratory: TestAmerica Buffalo SDG:
 Client: New York State D.E.C. - Buffalo, NY Project: NYSDEC-Commerce Square: Spill# E932141
 Matrix: Water Laboratory ID: RTE1137-03RE1 File ID: G9073.D
 Sampled: 05/21/10 13:30 Prepared: 05/29/10 10:01 Analyzed: 05/29/10 11:01
 Solids: Preparation: 5030B MS Initial/Final: 5 mL / 5 mL
 Batch: 10E2433 Sequence: T002352 Calibration: R10E143 Instrument: HP5973G

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	80	80	UD
79-34-5	1,1,2,2-Tetrachloroethane	80	80	UD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	80	80	UD
79-00-5	1,1,2-Trichloroethane	80	80	UD
75-34-3	1,1-Dichloroethane	80	80	UD
75-35-4	1,1-Dichloroethene	80	80	UD
120-82-1	1,2,4-Trichlorobenzene	80	80	UD
96-12-8	1,2-Dibromo-3-chloropropane	80	80	UD
106-93-4	1,2-Dibromoethane	80	80	UD
95-50-1	1,2-Dichlorobenzene	80	80	UD
107-06-2	1,2-Dichloroethane	80	80	UD
78-87-5	1,2-Dichloropropane	80	80	UD
541-73-1	1,3-Dichlorobenzene	80	80	UD
106-46-7	1,4-Dichlorobenzene	80	80	UD
78-93-3	2-Butanone	80	400	UD
591-78-6	2-Hexanone	80	400	UD
108-10-1	4-Methyl-2-pentanone	80	400	UD
67-64-1	Acetone	80	400	UD
71-43-2	Benzene	80	80	UD
75-27-4	Bromodichloromethane	80	80	UD
75-25-2	Bromoform	80	80	UD
74-83-9	Bromomethane	80	80	UD
75-15-0	Carbon disulfide	80	80	UD
56-23-5	Carbon Tetrachloride	80	80	UD
108-90-7	Chlorobenzene	80	80	UD
75-00-3	Chloroethane	80	80	UD
67-66-3	Chloroform	80	80	UD
74-87-3	Chloromethane	80	80	UD
156-59-2	cis-1,2-Dichloroethene	80	640	D
10061-01-5	cis-1,3-Dichloropropene	80	80	UD
110-82-7	Cyclohexane	80	80	UD
124-48-1	Dibromochloromethane	80	80	UD
75-71-8	Dichlorodifluoromethane	80	80	UD
100-41-4	Ethylbenzene	80	80	UD
98-82-8	Isopropylbenzene	80	80	UD
79-20-9	Methyl Acetate	80	80	UD
108-87-2	Methylcyclohexane	80	80	UD
75-09-2	Methylene Chloride	80	120	D
1634-04-4	Methyl-t-Butyl Ether (MTBE)	80	80	UD

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Form 1
ORGANIC ANALYSIS DATA SHEET
8260B

BR-3

Laboratory: TestAmerica Buffalo SDG: _____
 Client: New York State D.E.C. - Buffalo, NY Project: NYSDEC-Commerce Square: Spill# E932141
 Matrix: Water Laboratory ID: RTE1137-03RE1 File ID: G9073.D
 Sampled: 05/21/10 13:30 Prepared: 05/29/10 10:01 Analyzed: 05/29/10 11:01
 Solids: _____ Preparation: 5030B MS Initial/Final: 5 mL / 5 mL
 Batch: 10E2433 Sequence: T002352 Calibration: R10E143 Instrument: HP5973G

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)		Q	
100-42-5	Styrene	80	80		UD	
127-18-4	Tetrachloroethene	80	91		D	
108-88-3	Toluene	80	80		UD	
156-60-5	trans-1,2-Dichloroethene	80	80		UD	
10061-02-6	trans-1,3-Dichloropropene	80	80		UD	
79-01-6	Trichloroethene	80	3900		D	
75-69-4	Trichlorofluoromethane	80	80		UD	
75-01-4	Vinyl chloride	80	80		UD	
1330-20-7	Xylenes, total	80	160		UD	
SYSTEM MONITORING COMPOUND		ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4		25.0	26.0	104	66 - 137	D
4-Bromofluorobenzene		25.0	23.7	95	73 - 120	D
Toluene-d8		25.0	25.5	102	71 - 126	D
INTERNAL STANDARD		AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4		122030	11.09	129046	11.09	
1,4-Difluorobenzene		258608	5.83	268815	5.83	
Chlorobenzene-d5		128305	8.73	133552	8.73	

* Values outside of QC limits

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Form 1
ORGANIC ANALYSIS DATA SHEET
8260B

BR-4

Laboratory: TestAmerica Buffalo SDG:
Client: New York State D.E.C. - Buffalo, NY Project: NYSDEC-Commerce Square: Spill# E932141
Matrix: Water Laboratory ID: RTE1137-04 File ID: S6979.D
Sampled: 05/21/10 14:20 Prepared: 05/27/10 12:45 Analyzed: 05/27/10 16:26
Solids: Preparation: 5030B MS Initial/Final: 5 mL / 5 mL
Batch: 10E2196 Sequence: T002303 Calibration: R10E075 Instrument: HP5973S

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1	1.0	U
79-00-5	1,1,2-Trichloroethane	1	1.0	U
75-34-3	1,1-Dichloroethane	1	3.0	
75-35-4	1,1-Dichloroethene	1	4.6	
120-82-1	1,2,4-Trichlorobenzene	1	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1.0	U <i>5</i>
106-93-4	1,2-Dibromoethane	1	1.0	U
95-50-1	1,2-Dichlorobenzene	1	1.0	U
107-06-2	1,2-Dichloroethane	1	1.0	U
78-87-5	1,2-Dichloropropane	1	1.0	U
541-73-1	1,3-Dichlorobenzene	1	1.0	U
106-46-7	1,4-Dichlorobenzene	1	1.0	U
78-93-3	2-Butanone	1	5.0	U
591-78-6	2-Hexanone	1	5.0	U
108-10-1	4-Methyl-2-pentanone	1	5.0	U
67-64-1	Acetone	1	5.0	U
71-43-2	Benzene	1	33	
75-27-4	Bromodichloromethane	1	1.0	U
75-25-2	Bromoform	1	1.0	U <i>5</i>
74-83-9	Bromomethane	1	1.0	U
75-15-0	Carbon disulfide	1	1.0	U
56-23-5	Carbon Tetrachloride	1	1.0	U
108-90-7	Chlorobenzene	1	1.0	U
75-00-3	Chloroethane	1	1.0	U <i>5</i>
67-66-3	Chloroform	1	1.0	U
74-87-3	Chloromethane	1	1.0	U <i>5</i>
156-59-2	cis-1,2-Dichloroethene	1	<i>2400</i> 1400	<i>ED</i>
10061-01-5	cis-1,3-Dichloropropene	1	1.0	U
110-82-7	Cyclohexane	1	1.0	U
124-48-1	Dibromochloromethane	1	1.0	U <i>5</i>
75-71-8	Dichlorodifluoromethane	1	1.0	U
100-41-4	Ethylbenzene	1	1.0	U
98-82-8	Isopropylbenzene	1	1.0	U
79-20-9	Methyl Acetate	1	1.0	U
108-87-2	Methylcyclohexane	1	1.0	U
75-09-2	Methylene Chloride	1	1.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1	1.0	U

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Form 1
ORGANIC ANALYSIS DATA SHEET
8260B

BR-4

Laboratory: TestAmerica Buffalo SDG: _____
 Client: New York State D.E.C. - Buffalo, NY Project: NYSDEC-Commerce Square: Spill# E932141
 Matrix: Water Laboratory ID: RTE1137-04 File ID: S6979.D
 Sampled: 05/21/10 14:20 Prepared: 05/27/10 12:45 Analyzed: 05/27/10 16:26
 Solids: _____ Preparation: 5030B MS Initial/Final: 5 mL / 5 mL
 Batch: 10E2196 Sequence: T002303 Calibration: R10E075 Instrument: HP5973S

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)		Q	
100-42-5	Styrene	1	1.0		U	
127-18-4	Tetrachloroethene	1	1.9			
108-88-3	Toluene	1	1.0		U	
156-60-5	trans-1,2-Dichloroethene	1	89			
10061-02-6	trans-1,3-Dichloropropene	1	1.0		U	
79-01-6	Trichloroethene	1	1700 1000		ED	
75-69-4	Trichlorofluoromethane	1	1.0		U	
75-01-4	Vinyl chloride	1	37			
1330-20-7	Xylenes, total	1	2.0		U	
SYSTEM MONITORING COMPOUND		ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4		25.0	26.0	104	66 - 137	
4-Bromofluorobenzene		25.0	28.1	112	73 - 120	
Toluene-d8		25.0	26.2	105	71 - 126	
INTERNAL STANDARD		AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4		152675	9.05	160009	9.05	
1,4-Difluorobenzene		292237	4.99	272753	4.99	
Chlorobenzene-d5		180471	7.19	179091	7.19	

* Values outside of QC limits

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Form 1
ORGANIC ANALYSIS DATA SHEET
8260B

BR-4

Laboratory: TestAmerica Buffalo SDG:
 Client: New York State D.E.C. - Buffalo, NY Project: NYSDEC-Commerce Square: Spill# E932141
 Matrix: Water Laboratory ID: RTE1137-04RE1 File ID: G9074D
 Sampled: 05/21/10 14:20 Prepared: 05/29/10 10:01 Analyzed: 05/29/10 11:23
 Solids: Preparation: 5030B MS Initial/Final: 5 mL / 5 mL
 Batch: 10E2433 Sequence: T002352 Calibration: R10E143 Instrument: HP5973G

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	50	50	UD
79-34-5	1,1,2,2-Tetrachloroethane	50	50	UD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	50	50	UD
79-00-5	1,1,2-Trichloroethane	50	50	UD
75-34-3	1,1-Dichloroethane	50	50	UD
75-35-4	1,1-Dichloroethene	50	50	UD
120-82-1	1,2,4-Trichlorobenzene	50	50	UD
96-12-8	1,2-Dibromo-3-chloropropane	50	50	UD
106-93-4	1,2-Dibromoethane	50	50	UD
95-50-1	1,2-Dichlorobenzene	50	50	UD
107-06-2	1,2-Dichloroethane	50	50	UD
78-87-5	1,2-Dichloropropane	50	50	UD
541-73-1	1,3-Dichlorobenzene	50	50	UD
106-46-7	1,4-Dichlorobenzene	50	50	UD
78-93-3	2-Butanone	50	250	UD
591-78-6	2-Hexanone	50	250	UD
108-10-1	4-Methyl-2-pentanone	50	250	UD
67-64-1	Acetone	50	250	UD
71-43-2	Benzene	50	33	JD
75-27-4	Bromodichloromethane	50	50	UD
75-25-2	Bromoform	50	50	UD
74-83-9	Bromomethane	50	50	UD
75-15-0	Carbon disulfide	50	50	UD
56-23-5	Carbon Tetrachloride	50	50	UD
108-90-7	Chlorobenzene	50	50	UD
75-00-3	Chloroethane	50	50	UD
67-66-3	Chloroform	50	50	UD
74-87-3	Chloromethane	50	50	UD
156-59-2	cis-1,2-Dichloroethene	50	2400	D
10061-01-5	cis-1,3-Dichloropropene	50	50	UD
110-82-7	Cyclohexane	50	50	UD
124-48-1	Dibromochloromethane	50	50	UD
75-71-8	Dichlorodifluoromethane	50	50	UD
100-41-4	Ethylbenzene	50	50	UD
98-82-8	Isopropylbenzene	50	50	UD
79-20-9	Methyl Acetate	50	50	UD
108-87-2	Methylcyclohexane	50	50	UD
75-09-2	Methylene Chloride	50	36	JD
1634-04-4	Methyl-t-Butyl Ether (MTBE)	50	50	UD

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 06/17/10

Form 1
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8260B

BR-4

Laboratory: TestAmerica Buffalo SDG:
 Client: New York State D.E.C. - Buffalo, NY Project: NYSDEC-Commerce Square: Spill# E932141
 Matrix: Water Laboratory ID: RTE1137-04RE1 File ID: G9074.D
 Sampled: 05/21/10 14:20 Prepared: 05/29/10 10:01 Analyzed: 05/29/10 11:23
 Solids: Preparation: 5030B MS Initial/Final: 5 mL / 5 mL
 Batch: 10E2433 Sequence: T002352 Calibration: R10E143 Instrument: HP5973G

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)		Q	
100-42-5	Styrene	50	50		UD	
127-18-4	Tetrachloroethene	50	50		UD	
108-88-3	Toluene	50	50		UD	
156-60-5	trans-1,2-Dichloroethene	50	92		D	
10061-02-6	trans-1,3-Dichloropropene	50	50		UD	
79-01-6	Trichloroethene	50	1700		D	
75-69-4	Trichlorofluoromethane	50	50		UD	
75-01-4	Vinyl chloride	50	50		UD	
1330-20-7	Xylenes, total	50	100		UD	
SYSTEM MONITORING COMPOUND		ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4		25.0	25.8	103	66 - 137	D
4-Bromofluorobenzene		25.0	23.8	95	73 - 120	D
Toluene-d8		25.0	25.3	101	71 - 126	D
INTERNAL STANDARD		AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4		120261	11.09	129046	11.09	
1,4-Difluorobenzene		260680	5.83	268815	5.83	
Chlorobenzene-d5		129919	8.73	133552	8.73	

* Values outside of QC limits

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Form 1
ORGANIC ANALYSIS DATA SHEET

8260B

GPO-3 6-8

Laboratory: TestAmerica Buffalo SDG: _____
 Client: New York State D.E.C. - Buffalo, NY Project: NYSDEC-Commerce Square; Spill# E932141
 Matrix: Solid Laboratory ID: RTD1785-01 File ID: F4765.D
 Sampled: 04/20/10 15:20 Prepared: 04/26/10 20:30 Analyzed: 04/27/10 05:07
 Solids: 82.53 Preparation: 5030B MS Initial/Final: 5.13 g / 5 mL
 Batch: 10D2515 Sequence: T001694 Calibration: R10D117 Instrument: HP5973F

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg)	Q
71-55-6	1,1,1-Trichloroethane	1	5.9	U
79-34-5	1,1,2,2-Tetrachloroethane	1	5.9	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1	5.9	U
79-00-5	1,1,2-Trichloroethane	1	5.9	U
75-34-3	1,1-Dichloroethane	1	5.9	U
75-35-4	1,1-Dichloroethene	1	5.9	U
120-82-1	1,2,4-Trichlorobenzene	1	5.9	U
96-12-8	1,2-Dibromo-3-chloropropane	1	5.9	U
106-93-4	1,2-Dibromoethane	1	5.9	U
95-50-1	1,2-Dichlorobenzene	1	5.9	U
107-06-2	1,2-Dichloroethane	1	5.9	U
78-87-5	1,2-Dichloropropane	1	5.9	U
541-73-1	1,3-Dichlorobenzene	1	5.9	U
106-46-7	1,4-Dichlorobenzene	1	5.9	U
78-93-3	2-Butanone	1	28	J
591-78-6	2-Hexanone	1	30	U
108-10-1	4-Methyl-2-pentanone	1	6.9	J
67-64-1	Acetone	1	100	
71-43-2	Benzene	1	17	
75-27-4	Bromodichloromethane	1	5.9	U
75-25-2	Bromoform	1	5.9	U 3
74-83-9	Bromomethane	1	5.9	U
75-15-0	Carbon disulfide	1	5.9	U 3
56-23-5	Carbon Tetrachloride	1	5.9	U
108-90-7	Chlorobenzene	1	5.9	U
75-00-3	Chloroethane	1	5.9	U
67-66-3	Chloroform	1	5.9	U
74-87-3	Chloromethane	1	5.9	U
156-59-2	cis-1,2-Dichloroethene	1	6.5	
10061-01-5	cis-1,3-Dichloropropene	1	5.9	U
110-82-7	Cyclohexane	1	39	U
124-48-1	Dibromochloromethane	1	5.9	U
75-71-8	Dichlorodifluoromethane	1	5.9	U
100-41-4	Ethylbenzene	1	170	
98-82-8	Isopropylbenzene	1	22	
79-20-9	Methyl Acetate	1	5.9	U
108-87-2	Methylcyclohexane	1	63	
75-09-2	Methylene Chloride	1	5.9	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1	5.9	U

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Form 1
ORGANIC ANALYSIS DATA SHEET
8260B

GPO-3 6-8

Laboratory: TestAmerica Buffalo SDG:
 Client: New York State D.E.C. - Buffalo, NY Project: NYSDEC-Commerce Square: Spill# E932141
 Matrix: Solid Laboratory ID: RTD1785-01 File ID: F4765.D
 Sampled: 04/20/10 15:20 Prepared: 04/26/10 20:30 Analyzed: 04/27/10 05:07
 Solids: 82.53 Preparation: 5030B MS Initial/Final: 5.13 g / 5 mL
 Batch: 10D2515 Sequence: T001694 Calibration: R10D117 Instrument: HP5973F

CAS NO.		COMPOUND	DILUTION	CONC. (ug/kg)		Q	
100-42-5		Styrene	1	5.9		U	
127-18-4		Tetrachloroethene	1	2.5		J	
108-88-3		Toluene	1	130		X	
156-60-5		trans-1,2-Dichloroethene	1	5.9		U	
10061-02-6		trans-1,3-Dichloropropene	1	5.9		U	
79-01-6		Trichloroethene	1	5.9		U	
75-69-4		Trichlorofluoromethane	1	5.9		U	
75-01-4		Vinyl chloride	1	5.9		U	
1330-20-7		Xylenes, total	1	860 1100		E/D	
SYSTEM MONITORING COMPOUND			ADDED (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4			50.0	53.9	108	64 - 126	
4-Bromofluorobenzene			50.0	57.3	115	72 - 126	
Toluene-d8			50.0	57.2	114	71 - 125	
INTERNAL STANDARD			AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4			264273	9.36	242717	9.36	
1,4-Difluorobenzene			462494	4.31	447001	4.31	
Chlorobenzene-d5			215466	6.92	202848	6.91	

* Values outside of QC limits

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Form 1
ORGANIC ANALYSIS DATA SHEET
8260B

GPO-3 6-8

Laboratory: TestAmerica Buffalo SDG:
 Client: New York State D.E.C. - Buffalo, NY Project: NYSDEC-Commerce Square: Spill# E932141
 Matrix: Solid Laboratory ID: RTD1785-01RE1 File ID: F4798.D
 Sampled: 04/20/10 15:20 Prepared: 04/28/10 13:03 Analyzed: 04/28/10 23:35
 Solids: 82.53 Preparation: 5030B MS Initial/Final: 1.03 g / 5 mL
 Batch: 10D2669 Sequence: T001749 Calibration: R10D117 Instrument: HP5973F

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg)	Q
71-55-6	1,1,1-Trichloroethane	1	29	U
79-34-5	1,1,2,2-Tetrachloroethane	1	29	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1	29	U
79-00-5	1,1,2-Trichloroethane	1	29	U
75-34-3	1,1-Dichloroethane	1	29	U
75-35-4	1,1-Dichloroethene	1	29	U
120-82-1	1,2,4-Trichlorobenzene	1	29	U
96-12-8	1,2-Dibromo-3-chloropropane	1	32	
106-93-4	1,2-Dibromoethane	1	29	U
95-50-1	1,2-Dichlorobenzene	1	29	U
107-06-2	1,2-Dichloroethane	1	29	U
78-87-5	1,2-Dichloropropane	1	29	U
541-73-1	1,3-Dichlorobenzene	1	29	U
106-46-7	1,4-Dichlorobenzene	1	29	U
78-93-3	2-Butanone	1	22	J
591-78-6	2-Hexanone	1	18	J
108-10-1	4-Methyl-2-pentanone	1	150	U
67-64-1	Acetone	1	100	J
71-43-2	Benzene	1	29	U
75-27-4	Bromodichloromethane	1	29	U
75-25-2	Bromoform	1	29	U
74-83-9	Bromomethane	1	29	U
75-15-0	Carbon disulfide	1	29	U
56-23-5	Carbon Tetrachloride	1	29	U
108-90-7	Chlorobenzene	1	29	U
75-00-3	Chloroethane	1	29	U
67-66-3	Chloroform	1	29	U
74-87-3	Chloromethane	1	29	U
156-59-2	cis-1,2-Dichloroethene	1	29	U
10061-01-5	cis-1,3-Dichloropropene	1	29	U
110-82-7	Cyclohexane	1	31	
124-48-1	Dibromochloromethane	1	29	U
75-71-8	Dichlorodifluoromethane	1	29	U
100-41-4	Ethylbenzene	1	120	
98-82-8	Isopropylbenzene	1	23	J
79-20-9	Methyl Acetate	1	29	U
108-87-2	Methylcyclohexane	1	37	
75-08-2	Methylene Chloride	1	130	
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1	29	U

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 8/9/10

Form 1
ORGANIC ANALYSIS DATA SHEET
8260B

GPO-3 6-8

Laboratory: TestAmerica Buffalo SDG:
 Client: New York State D.E.C. - Buffalo, NY Project: NYSDEC-Commerce Square: Spill# E932141
 Matrix: Solid Laboratory ID: RTD1785-01RE1 File ID: F4798.D
 Sampled: 04/20/10 15:20 Prepared: 04/28/10 13:03 Analyzed: 04/28/10 23:35
 Solids: 82.53 Preparation: 5030B MS Initial/Final: 1.03 g / 5 mL
 Batch: 10D2669 Sequence: T001749 Calibration: R10D117 Instrument: HP5973F

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg)	Q		
100-42-5	Styrene	1	29	U		
127-18-4	Tetrachloroethene	1	29	U		
108-88-3	Toluene	1	52			
156-60-5	trans-1,2-Dichloroethene	1	29	U		
10061-02-6	trans-1,3-Dichloropropene	1	29	U		
79-01-6	Trichloroethene	1	29	U		
75-69-4	Trichlorofluoromethane	1	29	U		
75-01-4	Vinyl chloride	1	29	U		
1330-20-7	Xylenes, total	1	860			
SYSTEM MONITORING COMPOUND		ADDED (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4		50.0	57.4	115	64 - 126	
4-Bromofluorobenzene		50.0	57.2	114	72 - 126	
Toluene-d8		50.0	58.4	117	71 - 125	
INTERNAL STANDARD		AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4		222035	9.36	240864	9.36	
1,4-Difluorobenzene		403389	4.31	450608	4.31	
Chlorobenzene-d5		186588	6.91	203251	6.91	

* Values outside of QC limits

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8/9/10

Form 1
ORGANIC ANALYSIS DATA SHEET
8260B

GPO-3 10-12

Laboratory: TestAmerica Buffalo SDG:
Client: New York State D.E.C. - Buffalo, NY Project: NYSDEC-Commerce Square: Spill# E932141
Matrix: Solid Laboratory ID: RTD1785-02 File ID: F4766.D
Sampled: 04/20/10 15:50 Prepared: 04/26/10 20:30 Analyzed: 04/27/10 05:32
Solids: 89.28 Preparation: 5030B MS Initial/Final: 5.1 g / 5 mL
Batch: 10D2515 Sequence: T001694 Calibration: R10D117 Instrument: HP5973F

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg)	Q
71-55-6	1,1,1-Trichloroethane	1	5.5	U
79-34-5	1,1,2,2-Tetrachloroethane	1	5.5	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1	5.5	U
79-00-5	1,1,2-Trichloroethane	1	5.5	U
75-34-3	1,1-Dichloroethane	1	5.5	U
75-35-4	1,1-Dichloroethene	1	5.5	U
120-82-1	1,2,4-Trichlorobenzene	1	5.5	U
96-12-8	1,2-Dibromo-3-chloropropane	1	5.5	U
106-93-4	1,2-Dibromoethane	1	5.5	U
95-50-1	1,2-Dichlorobenzene	1	5.5	U
107-06-2	1,2-Dichloroethane	1	5.5	U
78-87-5	1,2-Dichloropropane	1	5.5	U
541-73-1	1,3-Dichlorobenzene	1	5.5	U
106-46-7	1,4-Dichlorobenzene	1	5.5	U
78-93-3	2-Butanone	1	180	
591-78-6	2-Hexanone	1	6.1	J
108-10-1	4-Methyl-2-pentanone	1	6.6	J
67-64-1	Acetone	1	300	
71-43-2	Benzene	1	200	
75-27-4	Bromodichloromethane	1	5.5	U
75-25-2	Bromoform	1	5.5	U
74-83-9	Bromomethane	1	5.5	U
75-15-0	Carbon disulfide	1	5.5	U
56-23-5	Carbon Tetrachloride	1	5.5	U
108-90-7	Chlorobenzene	1	5.5	U
75-00-3	Chloroethane	1	5.5	U
67-66-3	Chloroform	1	5.5	U
74-87-3	Chloromethane	1	5.5	U
156-59-2	cis-1,2-Dichloroethene	1	42	
10061-01-5	cis-1,3-Dichloropropene	1	5.5	U
110-82-7	Cyclohexane	1	110	
124-48-1	Dibromochloromethane	1	5.5	U
75-71-8	Dichlorodifluoromethane	1	5.5	U
100-41-4	Ethylbenzene	1	160 -290	ED
98-82-8	Isopropylbenzene	1	33	
79-20-9	Methyl Acetate	1	5.5	U
108-87-2	Methylcyclohexane	1	160	
75-09-2	Methylene Chloride	1	5.5	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1	5.5	U

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Form 1
ORGANIC ANALYSIS DATA SHEET

GPO-3 10-12

8260B

Laboratory: TestAmerica Buffalo SDG: _____
 Client: New York State D.E.C. - Buffalo, NY Project: NYSDEC-Commerce Square: Spill# E932141
 Matrix: Solid Laboratory ID: RTD1785-02 File ID: F4766.D
 Sampled: 04/20/10 15:50 Prepared: 04/26/10 20:30 Analyzed: 04/27/10 05:32
 Solids: 89.28 Preparation: 5030B MS Initial/Final: 5.1 g / 5 mL
 Batch: 10D2515 Sequence: T001694 Calibration: R10D117 Instrument: HP5973F

Batch: 10022712		Sequence: 1000000				
CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg)	Q		
100-42-5	Styrene	1	5.5	U		
127-18-4	Tetrachloroethene	1	5.5	U		
108-88-3	Toluene	1	290 460	ND		
156-60-5	trans-1,2-Dichloroethene	1	5.5	U		
10061-02-6	trans-1,3-Dichloropropene	1	5.5	U		
79-01-6	Trichloroethene	1	5.5	U		
75-69-4	Trichlorofluoromethane	1	5.5	U		
75-01-4	Vinyl chloride	1	5.5	U		
1330-20-7	Xylenes, total	1	420 870	ND		
SYSTEM MONITORING COMPOUND		ADDED (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4		50.0	52.4	105	64 - 126	
4-Bromofluorobenzene		50.0	57.8	116	72 - 126	
Toluene-d8		50.0	60.5	121	71 - 125	
INTERNAL STANDARD		AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4		245419	9.36	242717	9.36	
1,4-Difluorobenzene		468494	4.31	447001	4.31	
Chlorobenzene-d5		210336	6.91	202848	6.91	

* Values outside of QC limits

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Form 1
ORGANIC ANALYSIS DATA SHEET
8260B

GPO-3 10-12

Laboratory: TestAmerica Buffalo SDG:
 Client: New York State D.E.C. - Buffalo, NY Project: NYSDEC-Commerce Square: Spill# E932141
 Matrix: Solid Laboratory ID: RTD1785-02RE1 File ID: F4799.D
 Sampled: 04/20/10 15:50 Prepared: 04/28/10 13:03 Analyzed: 04/29/10 00:00
 Solids: 89.28 Preparation: 5030B MS Initial/Final: 1 g / 5 mL
 Batch: 10D2669 Sequence: T001749 Calibration: R10D117 Instrument: HP5973F

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg)	Q
71-55-6	1,1,1-Trichloroethane	1	28	U
79-34-5	1,1,2,2-Tetrachloroethane	1	28	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1	28	U
79-00-5	1,1,2-Trichloroethane	1	28	U
75-34-3	1,1-Dichloroethane	1	28	U
75-35-4	1,1-Dichloroethene	1	28	U
120-82-1	1,2,4-Trichlorobenzene	1	28	U
96-12-8	1,2-Dibromo-3-chloropropane	1	28	U
106-93-4	1,2-Dibromoethane	1	28	U
95-50-1	1,2-Dichlorobenzene	1	28	U
107-06-2	1,2-Dichloroethane	1	28	U
78-87-5	1,2-Dichloropropane	1	28	U
541-73-1	1,3-Dichlorobenzene	1	28	U
106-46-7	1,4-Dichlorobenzene	1	28	U
78-93-3	2-Butanone	1	180	
591-78-6	2-Hexanone	1	140	U
108-10-1	4-Methyl-2-pentanone	1	140	U
67-64-1	Acetone	1	310	
71-43-2	Benzene	1	110	
75-27-4	Bromodichloromethane	1	28	U
75-25-2	Bromoform	1	28	U J
74-83-9	Bromomethane	1	28	U
75-15-0	Carbon disulfide	1	28	U
56-23-5	Carbon Tetrachloride	1	28	U
108-90-7	Chlorobenzene	1	28	U
75-00-3	Chloroethane	1	28	U
67-66-3	Chloroform	1	28	U
74-87-3	Chloromethane	1	28	U
156-59-2	cis-1,2-Dichloroethene	1	23	J
10061-01-5	cis-1,3-Dichloropropene	1	28	U
110-82-7	Cyclohexane	1	31	
124-48-1	Dibromochloromethane	1	28	U
75-71-8	Dichlorodifluoromethane	1	28	U
100-41-4	Ethylbenzene	1	160	
98-82-8	Isopropylbenzene	1	14	J
79-20-9	Methyl Acetate	1	28	U
108-87-2	Methylcyclohexane	1	37	
75-09-2	Methylene Chloride	1	110	
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1	28	U

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Form 1
ORGANIC ANALYSIS DATA SHEET
8260B

GPO-3 10-12

Laboratory: TestAmerica Buffalo SDG:
 Client: New York State D.E.C. - Buffalo, NY Project: NYSDEC-Commerce Square: Spill# E932141
 Matrix: Solid Laboratory ID: RTD1785-02RE1 File ID: E4799.D
 Sampled: 04/20/10 15:50 Prepared: 04/28/10 13:03 Analyzed: 04/29/10 00:00
 Solids: 89.28 Preparation: 5030B MS Initial/Final: 1 g / 5 mL
 Batch: 10D2669 Sequence: T001749 Calibration: R10D117 Instrument: HP5973F

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg)		Q	
100-42-5	Styrene	1	28		U	
127-18-4	Tetrachloroethene	1	28		U	
108-88-3	Toluene	1	290			
156-60-5	trans-1,2-Dichloroethene	1	28		U	
10061-02-6	trans-1,3-Dichloropropene	1	28		U	
79-01-6	Trichloroethene	1	28		U	
75-69-4	Trichlorofluoromethane	1	28		U	
75-01-4	Vinyl chloride	1	28		U	
1330-20-7	Xylenes, total	1	420			
SYSTEM MONITORING COMPOUND		ADDED (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4		50.0	56.4	113	64 - 126	
4-Bromofluorobenzene		50.0	57.0	114	72 - 126	
Toluene-d8		50.0	58.9	118	71 - 125	
INTERNAL STANDARD		AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4		218885	9.36	240864	9.36	
1,4-Difluorobenzene		419069	4.31	450608	4.31	
Chlorobenzene-d5		189796	6.91	203251	6.91	

* Values outside of QC limits

OK
8/9/10

DRUMS SOIL

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)		Q	
71-43-2	Benzene	5	5.0		UD	
SYSTEM MONITORING COMPOUND		ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
a.a.a-Trifluorotoluene		150	144	96	66 - 141	D

* Values outside of QC limits

Form 1
ORGANIC ANALYSIS DATA SHEET
8260B

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Laboratory: TestAmerica Buffalo SDG:
Client: New York State D.E.C. - Buffalo, NY Project: NYSDEC-Commerce Square: Spill# E932141
Matrix: Water Laboratory ID: RTE1137-09 File ID: G9051.D
Sampled: 05/21/10 00:00 Prepared: 05/28/10 11:05 Analyzed: 05/28/10 14:32
Solids: Preparation: 5030B MS Initial/Final: 5 mL / 5 mL
Batch: 10E2324 Sequence: T002328 Calibration: R10E143 Instrument: HP5973G

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1	1.0	U
79-00-5	1,1,2-Trichloroethane	1	1.0	U
75-34-3	1,1-Dichloroethane	1	1.0	U
75-35-4	1,1-Dichloroethene	1	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1.0	U ³
106-93-4	1,2-Dibromoethane	1	1.0	U
95-50-1	1,2-Dichlorobenzene	1	1.0	U
107-06-2	1,2-Dichloroethane	1	1.0	U
78-87-5	1,2-Dichloropropane	1	1.0	U
541-73-1	1,3-Dichlorobenzene	1	1.0	U
106-46-7	1,4-Dichlorobenzene	1	1.0	U
78-93-3	2-Butanone	1	5.0	U
591-78-6	2-Hexanone	1	5.0	U
108-10-1	4-Methyl-2-pentanone	1	5.0	U
67-64-1	Acetone	1	5.0	U
71-43-2	Benzene	1	1.0	U
75-27-4	Bromodichloromethane	1	1.0	U
75-25-2	Bromoform	1	1.0	U ³
74-83-9	Bromomethane	1	1.0	U
75-15-0	Carbon disulfide	1	1.0	U
56-23-5	Carbon Tetrachloride	1	1.0	U
108-90-7	Chlorobenzene	1	1.0	U
75-00-3	Chloroethane	1	1.0	U
67-66-3	Chloroform	1	1.0	U
74-87-3	Chloromethane	1	1.0	U
156-59-2	cis-1,2-Dichloroethene	1	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1	1.0	U
110-82-7	Cyclohexane	1	1.0	U
124-48-1	Dibromochloromethane	1	1.0	U ³
75-71-8	Dichlorodifluoromethane	1	1.0	U
100-41-4	Ethylbenzene	1	1.0	U
98-82-8	Isopropylbenzene	1	1.0	U
79-20-9	Methyl Acetate	1	1.0	U
108-87-2	Methylcyclohexane	1	1.0	U
75-09-2	Methylene Chloride	1	1.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1	1.0	U

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Form 1
ORGANIC ANALYSIS DATA SHEET
8260B

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Laboratory: TestAmerica Buffalo SDG:
 Client: New York State D.E.C. - Buffalo, NY Project: NYSDEC-Commerce Square: Spill# E932141
 Matrix: Water Laboratory ID: RTE1137-09 File ID: G9051.D
 Sampled: 05/21/10 00:00 Prepared: 05/28/10 11:05 Analyzed: 05/28/10 14:32
 Solids: Preparation: 5030B MS Initial/Final: 5 mL / 5 mL
 Batch: 10E2324 Sequence: T002328 Calibration: R10E143 Instrument: HP5973G

CAS NO.	COMPOUND		DILUTION	CONC. (ug/L)		Q
100-42-5	Styrene		1	1.0		U
127-18-4	Tetrachloroethene		1	1.0		U
108-88-3	Toluene		1	1.0		U
156-60-5	trans-1,2-Dichloroethene		1	1.0		U
10061-02-6	trans-1,3-Dichloropropene		1	1.0		U
79-01-6	Trichloroethene		1	1.0		U
75-69-4	Trichlorofluoromethane		1	1.0		U
75-01-4	Vinyl chloride		1	1.0		U
1330-20-7	Xylenes, total		1	2.0		U
SYSTEM MONITORING COMPOUND		ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4		25.0	26.3	105	66 - 137	
4-Bromofluorobenzene		25.0	23.5	94	73 - 120	
Toluene-d8		25.0	25.1	100	71 - 126	
INTERNAL STANDARD		AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4		120341	11.09	129411	11.09	
1,4-Difluorobenzene		258308	5.84	267707	5.83	
Chlorobenzene-d5		130099	8.73	134650	8.73	

* Values outside of QC limits

Form 1
ORGANIC ANALYSIS DATA SHEET

8270C

B3-16

Laboratory: TestAmerica Buffalo SDG:
 Client: New York State D.E.C. - Buffalo, NY Project: NYSDEC-Commerce Square: Spill# E932141
 Matrix: Solid Laboratory ID: RTB1089-01 File ID: X1156.D
 Sampled: 02/26/10 00:00 Prepared: 03/01/10 17:00 Analyzed: 03/02/10 17:17
 Solids: 83.30 Preparation: 3550B MB Initial/Final: 30.3 g / 1 mL
 Batch: 10C0037 Sequence: T000709 Calibration: R10B078 Instrument: HP5973X

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg)	Q
108-60-1	2,2'-Oxybis(1-Chloropropane)	1	200	U <i>5</i>
95-95-4	2,4,5-Trichlorophenol	1	200	U
88-06-2	2,4,6-Trichlorophenol	1	200	U
120-83-2	2,4-Dichlorophenol	1	200	U
105-67-9	2,4-Dimethylphenol	1	200	U
51-28-5	2,4-Dinitrophenol	1	390	U
121-14-2	2,4-Dinitrotoluene	1	200	U
606-20-2	2,6-Dinitrotoluene	1	200	U
91-58-7	2-Chloronaphthalene	1	200	U
95-57-8	2-Chlorophenol	1	200	U
91-57-6	2-Methylnaphthalene	1	200	U
95-48-7	2-Methylphenol	1	200	U
88-74-4	2-Nitroaniline	1	390	U
88-75-5	2-Nitrophenol	1	200	U
91-94-1	3,3'-Dichlorobenzidine	1	200	U
99-09-2	3-Nitroaniline	1	390	U
534-52-1	4,6-Dinitro-2-methylphenol	1	390	U
101-55-3	4-Bromophenyl phenyl ether	1	200	U
59-50-7	4-Chloro-3-methylphenol	1	200	U
106-47-8	4-Chloroaniline	1	200	U
7005-72-3	4-Chlorophenyl phenyl ether	1	200	U
106-44-5	4-Methylphenol	1	390	U
100-01-6	4-Nitroaniline	1	390	U
100-02-7	4-Nitrophenol	1	390	U
83-32-9	Acenaphthene	1	200	U
208-96-8	Acenaphthylene	1	200	U
98-86-2	Acetophenone	1	200	U
120-12-7	Anthracene	1	200	U
1912-24-9	Atrazine	1	200	U
100-52-7	Benzaldehyde	1	200	U
56-55-3	Benzo(a)anthracene	1	200	U
50-32-8	Benzo(a)pyrene	1	200	U
205-99-2	Benzo(b)fluoranthene	1	200	U
191-24-2	Benzo(ghi)perylene	1	200	U
207-08-9	Benzo(k)fluoranthene	1	200	U
92-52-4	Biphenyl	1	200	U
111-91-1	Bis(2-chloroethoxy)methane	1	200	U
111-44-4	Bis(2-chloroethyl)ether	1	200	U
117-81-7	Bis(2-ethylhexyl) phthalate	1	200 200	U <i>✓</i>

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Form Rev: 11/23/09

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Form 1
ORGANIC ANALYSIS DATA SHEET
8270C

B3-16

Laboratory: TestAmerica Buffalo SDG:
 Client: New York State D.E.C. - Buffalo, NY Project: NYSDEC-Commerce Square: Spill# E932141
 Matrix: Solid Laboratory ID: RTB1089-01 File ID: X1156.D
 Sampled: 02/26/10 00:00 Prepared: 03/01/10 17:00 Analyzed: 03/02/10 17:17
 Solids: 83.30 Preparation: 3550B MB Initial/Final: 30.3 g / 1 mL
 Batch: 10C0037 Sequence: T000709 Calibration: R10B078 Instrument: HP5973X

Batch: 10C0057 Sequence: 1006792

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg)	Q		
85-68-7	Butyl benzyl phthalate	1	200	U		
105-60-2	Caprolactam	1	200	U		
86-74-8	Carbazole	1	200	U		
218-01-9	Chrysene	1	200	U		
53-70-3	Dibenzo(a,h)anthracene	1	200	U		
132-64-9	Dibenzofuran	1	200	U		
84-66-2	Diethyl phthalate	1	200	U		
131-11-3	Dimethyl phthalate	1	200	U		
84-74-2	Di-n-butyl phthalate	1	200	U		
117-84-0	Di-n-octyl phthalate	1	200	U		
206-44-0	Fluoranthene	1	200	U		
86-73-7	Fluorene	1	200	U		
118-74-1	Hexachlorobenzene	1	200	U		
87-68-3	Hexachlorobutadiene	1	200	U		
77-47-4	Hexachlorocyclopentadiene	1	200	U		
67-72-1	Hexachloroethane	1	200	U		
193-39-5	Indeno(1,2,3-cd)pyrene	1	200	U		
78-59-1	Isophorone	1	200	U		
91-20-3	Naphthalene	1	200	U		
98-95-3	Nitrobenzene	1	200	U		
621-64-7	N-Nitrosodi-n-propylamine	1	200	U		
86-30-6	N-Nitrosodiphenylamine	1	200	U		
76-01-7	Pentachloroethane	1	390	U		
87-86-5	Pentachlorophenol	1	390	U		
85-01-8	Phenanthrene	1	200	U		
108-95-2	Phenol	1	200	U		
129-00-0	Pyrene	1	200	U		
SYSTEM MONITORING COMPOUND		ADDED (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
2,4,6-Tribromophenol		5940	5200	87	39 - 146	
2-Fluorobiphenyl		3960	2880	73	37 - 120	
2-Fluorophenol		5940	3630	61	18 - 120	
Nitrobenzene-d5		3960	2870	72	34 - 132	
Phenol-d5		5940	4040	68	11 - 120	
p-Terphenyl-d14		3960	2760	70	58 - 147	
INTERNAL STANDARD		AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4		125208	6.06	106888	6.06	
Acenaphthene-d10		211962	9.65	188532	9.65	
Chrysene-d12		359388	13.63	308867	13.63	
Naphthalene-d8		421297	7.59	369123	7.59	

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Form 1
ORGANIC ANALYSIS DATA SHEET
8270C

B3-16

Laboratory: TestAmerica Buffalo SDG:
Client: New York State D.E.C. - Buffalo, NY Project: NYSDEC-Commerce Square: Spill# E932141
Matrix: Solid Laboratory ID: RTB1089-01 File ID: X1156.D
Sampled: 02/26/10 00:00 Prepared: 03/01/10 17:00 Analyzed: 03/02/10 17:17
Solids: 83.30 Preparation: 3550B MB Initial/Final: 30.3 g / 1 mL
Batch: 10C0037 Sequence: T000709 Calibration: R10B078 Instrument: HP5973X

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Perylene-d12	367482	14.86	335362	14.86	
Phenanthrene-d10	325259	11.24	297843	11.24	

* Values outside of QC limits

Form 1
ORGANIC ANALYSIS DATA SHEET

8270C

B3-18

Laboratory: TestAmerica Buffalo SDG:
 Client: New York State D.E.C. - Buffalo, NY Project: NYSDEC-Commerce Square: Spill# E932141
 Matrix: Solid Laboratory ID: RTB1089-02 File ID: X1157.D
 Sampled: 02/26/10 00:00 Prepared: 03/01/10 17:00 Analyzed: 03/02/10 17:40
 Solids: 82.93 Preparation: 3550B MB Initial/Final: 30.56 g / 1 mL
 Batch: 10C0037 Sequence: T000709 Calibration: R10B078 Instrument: HP5973X

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg)	Q
108-60-1	2,2'-Oxybis(1-Chloropropane)	1	200	U-5
95-95-4	2,4,5-Trichlorophenol	1	200	U
88-06-2	2,4,6-Trichlorophenol	1	200	U
120-83-2	2,4-Dichlorophenol	1	200	U
105-67-9	2,4-Dimethylphenol	1	200	U
51-28-5	2,4-Dinitrophenol	1	390	U
121-14-2	2,4-Dinitrotoluene	1	200	U
606-20-2	2,6-Dinitrotoluene	1	200	U
91-58-7	2-Chloronaphthalene	1	200	U
95-57-8	2-Chlorophenol	1	200	U
91-57-6	2-Methylnaphthalene	1	200	U
95-48-7	2-Methylphenol	1	200	U
88-74-4	2-Nitroaniline	1	390	U
88-75-5	2-Nitrophenol	1	200	U
91-94-1	3,3'-Dichlorobenzidine	1	200	U
99-09-2	3-Nitroaniline	1	390	U
534-52-1	4,6-Dinitro-2-methylphenol	1	390	U
101-55-3	4-Bromophenyl phenyl ether	1	200	U
59-50-7	4-Chloro-3-methylphenol	1	200	U
106-47-8	4-Chloroaniline	1	200	U
7005-72-3	4-Chlorophenyl phenyl ether	1	200	U
106-44-5	4-Methylphenol	1	390	U
100-01-6	4-Nitroaniline	1	390	U
100-02-7	4-Nitrophenol	1	390	U
83-32-9	Acenaphthene	1	200	U
208-96-8	Acenaphthylene	1	200	U
98-86-2	Acetophenone	1	200	U
120-12-7	Anthracene	1	200	U
1912-24-9	Atrazine	1	200	U
100-52-7	Benzaldehyde	1	200	U
56-55-3	Benzo(a)anthracene	1	200	U
50-32-8	Benzo(a)pyrene	1	200	U
205-99-2	Benzo(b)fluoranthene	1	200	U
191-24-2	Benzo(ghi)perylene	1	200	U
207-08-9	Benzo(k)fluoranthene	1	200	U
92-52-4	Biphenyl	1	200	U
111-91-1	Bis(2-chloroethoxy)methane	1	200	U
111-44-4	Bis(2-chloroethyl)ether	1	200	U
117-81-7	Bis(2-ethylhexyl) phthalate	1	200 -88-	U 1/2

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Form Rev: 11/23/09

Printed: 06/15/2010

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8/9/10

Form 1
ORGANIC ANALYSIS DATA SHEET

8270C

B3-18

Laboratory: TestAmerica Buffalo SDG:
 Client: New York State D.E.C. - Buffalo, NY Project: NYSDEC-Commerce Square: Spill# E932141
 Matrix: Solid Laboratory ID: RTB1089-02 File ID: X1157.D
 Sampled: 02/26/10 00:00 Prepared: 03/01/10 17:00 Analyzed: 03/02/10 17:40
 Solids: 82.93 Preparation: 3550B MB Initial/Final: 30.56 g / 1 mL
 Batch: 10C0037 Sequence: T000709 Calibration: R10B078 Instrument: HP5973X

Batch: 10C0057 Sequence: 1000702 Calibration: 1000000

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg)	Q		
85-68-7	Butyl benzyl phthalate	1	200	U 5		
105-60-2	Caprolactam	1	200	U		
86-74-8	Carbazole	1	200	U		
218-01-9	Chrysene	1	200	U		
53-70-3	Dibenzo(a,h)anthracene	1	200	U		
132-64-9	Dibenzofuran	1	200	U		
84-66-2	Diethyl phthalate	1	31 200	U 1/2		
131-11-3	Dimethyl phthalate	1	200	U		
84-74-2	Di-n-butyl phthalate	1	200	U		
117-84-0	Di-n-octyl phthalate	1	200	U		
206-44-0	Fluoranthene	1	200	U		
86-73-7	Fluorene	1	200	U		
118-74-1	Hexachlorobenzene	1	200	U		
87-68-3	Hexachlorobutadiene	1	200	U		
77-47-4	Hexachlorocyclopentadiene	1	200	U		
67-72-1	Hexachloroethane	1	200	U		
193-39-5	Indeno(1,2,3-cd)pyrene	1	200	U		
78-59-1	Isophorone	1	200	U		
91-20-3	Naphthalene	1	200	U		
98-95-3	Nitrobenzene	1	200	U		
621-64-7	N-Nitrosodi-n-propylamine	1	200	U		
86-30-6	N-Nitrosodiphenylamine	1	200	U		
76-01-7	Pentachloroethane	1	390	U		
87-86-5	Pentachlorophenol	1	390	U		
85-01-8	Phenanthrene	1	200	U		
108-95-2	Phenol	1	200	U		
129-00-0	Pyrene	1	200	U		
SYSTEM MONITORING COMPOUND		ADDED (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
2,4,6-Tribromophenol		5920	5370	91	39 - 146	
2-Fluorobiphenyl		3950	2890	73	37 - 120	
2-Fluorophenol		5920	3480	59	18 - 120	
Nitrobenzene-d5		3950	2840	72	34 - 132	
Phenol-d5		5920	3920	66	11 - 120	
p-Terphenyl-d14		3950	2850	72	58 - 147	
INTERNAL STANDARD		AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4		122762	6.06	106888	6.06	
Acenaphthene-d10		208163	9.65	188532	9.65	
Chrysene-d12		358690	13.63	308867	13.63	
Naphthalene-d8		416776	7.59	369123	7.59	

OK
8/19/10

Form 1
ORGANIC ANALYSIS DATA SHEET

8270C

B3-18

Laboratory: TestAmerica Buffalo SDG:
Client: New York State D.E.C. - Buffalo, NY Project: NYSDEC-Commerce Square: Spill# E932141
Matrix: Solid Laboratory ID: RTB1089-02 File ID: X1157.D
Sampled: 02/26/10 00:00 Prepared: 03/01/10 17:00 Analyzed: 03/02/10 17:40
Solids: 82.93 Preparation: 3550B MB Initial/Final: 30.56 g / 1 mL
Batch: 10C0037 Sequence: T000709 Calibration: R10B078 Instrument: HP5973X

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Perylene-d12	363413	14.86	335362	14.86	
Phenanthrene-d10	324099	11.24	297843	11.24	

* Values outside of QC limits

Form 1
ORGANIC ANALYSIS DATA SHEET

8270C

BR-1

Laboratory: TestAmerica Buffalo SDG:
 Client: New York State D.E.C. - Buffalo, NY Project: NYSDEC-Commerce Square: Spill# E932141
 Matrix: Water Laboratory ID: RTE1137-01 File ID: X4974.D
 Sampled: 05/21/10 11:40 Prepared: 05/24/10 08:00 Analyzed: 06/01/10 23:23
 Solids: Preparation: 3510C MB Initial/Final: 890 mL / 1 mL
 Batch: 10E1815 Sequence: T002371 Calibration: R10E156 Instrument: HP5973X

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
108-60-1	2,2'-Oxybis(1-Chloropropane)	1	5.6	U <i>S</i>
95-95-4	2,4,5-Trichlorophenol	1	5.6	U
88-06-2	2,4,6-Trichlorophenol	1	5.6	U
120-83-2	2,4-Dichlorophenol	1	5.6	U
105-67-9	2,4-Dimethylphenol	1	5.6	U
51-28-5	2,4-Dinitrophenol	1	11	U <i>S</i>
121-14-2	2,4-Dinitrotoluene	1	5.6	U <i>S</i>
606-20-2	2,6-Dinitrotoluene	1	5.6	U <i>S</i>
91-58-7	2-Chloronaphthalene	1	5.6	U <i>S</i>
95-57-8	2-Chlorophenol	1	5.6	U <i>S</i>
91-57-6	2-Methylnaphthalene	1	5.6	U <i>S</i>
95-48-7	2-Methylphenol	1	5.6	U
88-74-4	2-Nitroaniline	1	11	U <i>S</i>
88-75-5	2-Nitrophenol	1	5.6	U
91-94-1	3,3'-Dichlorobenzidine	1	5.6	U <i>S</i>
99-09-2	3-Nitroaniline	1	11	U <i>S</i>
534-52-1	4,6-Dinitro-2-methylphenol	1	11	U
101-55-3	4-Bromophenyl phenyl ether	1	5.6	U <i>S</i>
59-50-7	4-Chloro-3-methylphenol	1	5.6	U <i>S</i>
106-47-8	4-Chloroaniline	1	5.6	U <i>S</i>
7005-72-3	4-Chlorophenyl phenyl ether	1	5.6	U <i>S</i>
106-44-5	4-Methylphenol	1	11	U
100-01-6	4-Nitroaniline	1	11	U <i>S</i>
100-02-7	4-Nitrophenol	1	11	U
83-32-9	Acenaphthene	1	5.6	U <i>S</i>
208-96-8	Acenaphthylene	1	5.6	U <i>S</i>
98-86-2	Acetophenone	1	0.63	U <i>S</i>
120-12-7	Anthracene	1	5.6	U <i>S</i>
1912-24-9	Atrazine	1	5.6	U <i>S</i>
100-52-7	Benzaldehyde	1	5.6	U <i>S</i>
56-55-3	Benzo(a)anthracene	1	5.6	U <i>S</i>
50-32-8	Benzo(a)pyrene	1	5.6	U <i>S</i>
205-99-2	Benzo(b)fluoranthene	1	5.6	U <i>S</i>
191-24-2	Benzo(ghi)perylene	1	5.6	U <i>S</i>
207-08-9	Benzo(k)fluoranthene	1	5.6	U <i>S</i>
92-52-4	Biphenyl	1	5.6	U <i>S</i>
111-91-1	Bis(2-chloroethoxy)methane	1	5.6	U <i>S</i>
111-44-4	Bis(2-chloroethyl)ether	1	5.6	U <i>S</i>
117-81-7	Bis(2-ethylhexyl) phthalate	1	3.4	U <i>S</i>

336/1258

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Form 1
ORGANIC ANALYSIS DATA SHEET

8270C

BR-1

Laboratory: TestAmerica Buffalo SDG: _____
 Client: New York State D.E.C. - Buffalo, NY Project: NYSDEC-Commerce Square: Spill# E932141
 Matrix: Water Laboratory ID: RTE1137-01 File ID: X4974.D
 Sampled: 05/21/10 11:40 Prepared: 05/24/10 08:00 Analyzed: 06/01/10 23:23
 Solids: _____ Preparation: 3510C MB Initial/Final: 890 mL / 1 mL
 Batch: 10E1815 Sequence: T002371 Calibration: R10E156 Instrument: HP5973X

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q		
85-68-7	Butyl benzyl phthalate	1	5.6	U		
105-60-2	Caprolactam	1	5.6	U		
86-74-8	Carbazole	1	5.6	U		
218-01-9	Chrysene	1	5.6	U		
53-70-3	Dibenzo(a,h)anthracene	1	5.6	U		
132-64-9	Dibenzofuran	1	11	U		
84-66-2	Diethyl phthalate	1	5.6	U		
131-11-3	Dimethyl phthalate	1	5.6	U		
84-74-2	Di-n-butyl phthalate	1	5.6	U		
117-84-0	Di-n-octyl phthalate	1	5.6	U		
206-44-0	Fluoranthene	1	5.6	U		
86-73-7	Fluorene	1	5.6	U		
118-74-1	Hexachlorobenzene	1	5.6	U		
87-68-3	Hexachlorobutadiene	1	5.6	U		
77-47-4	Hexachlorocyclopentadiene	1	5.6	U		
67-72-1	Hexachloroethane	1	5.6	U		
193-39-5	Indeno(1,2,3-cd)pyrene	1	5.6	U		
78-59-1	Isophorone	1	5.6	U		
91-20-3	Naphthalene	1	0.87	U		
98-95-3	Nitrobenzene	1	5.6	U		
621-64-7	N-Nitrosodi-n-propylamine	1	5.6	U		
86-30-6	N-Nitrosodiphenylamine	1	5.6	U		
87-86-5	Pentachlorophenol	1	11	U		
85-01-8	Phenanthrene	1	5.6	U		
108-95-2	Phenol	1	5.6	U		
129-00-0	Pyrene	1	5.6	U		
SYSTEM MONITORING COMPOUND		ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
2,4,6-Tribromophenol		169	148	88	52 - 132	
2-Fluorobiphenyl		112	53.0	47	48 - 120	*
2-Fluorophenol		169	38.6	23	20 - 120	
Nitrobenzene-d5		112	49.9	44	46 - 120	*
Phenol-d5		169	32.2	19	16 - 120	
p-Terphenyl-d14		112	49.4	44	24 - 136	
INTERNAL STANDARD		AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4		123632	6.26	112569	6.26	
Acenaphthene-d10		257370	9.83	222847	9.83	
Chrysene-d12		506351	13.82	419102	13.82	
Naphthalene-d8		476407	7.76	419181	7.77	
Perylene-d12		490185	15.1	397176	15.1	
Phenanthrene-d10		416222	337/1258	11.41	362203	11.41

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Form 1
ORGANIC ANALYSIS DATA SHEET

8270C

BR-1

Laboratory: TestAmerica Buffalo SDG:
 Client: New York State D.E.C. - Buffalo, NY Project: NYSDEC-Commerce Square: Spill# E932141
 Matrix: Water Laboratory ID: RTE1137-01RE1 File ID: X5146.D
 Sampled: 05/21/10 11:40 Prepared: 06/03/10 09:30 Analyzed: 06/04/10 21:17
 Solids: Preparation: 3510C MB Initial/Final: 1040 mL / 1 mL
 Batch: 10F0222 Sequence: T002444 Calibration: R10F014 Instrument: HP5973X

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
108-60-1	2,2'-Oxybis(1-Chloropropane)	1	4.8	U 5
95-95-4	2,4,5-Trichlorophenol	1	4.8	U
88-06-2	2,4,6-Trichlorophenol	1	4.8	U
120-83-2	2,4-Dichlorophenol	1	4.8	U
105-67-9	2,4-Dimethylphenol	1	4.8	U
51-28-5	2,4-Dinitrophenol	1	9.6	U
121-14-2	2,4-Dinitrotoluene	1	4.8	U
606-20-2	2,6-Dinitrotoluene	1	4.8	U
91-58-7	2-Chloronaphthalene	1	4.8	U
95-57-8	2-Chlorophenol	1	4.8	U
91-57-6	2-Methylnaphthalene	1	4.8	U
95-48-7	2-Methylphenol	1	4.8	U
88-74-4	2-Nitroaniline	1	9.6	U
88-75-5	2-Nitrophenol	1	4.8	U
91-94-1	3,3'-Dichlorobenzidine	1	4.8	U
99-09-2	3-Nitroaniline	1	9.6	U
534-52-1	4,6-Dinitro-2-methylphenol	1	9.6	U
101-55-3	4-Bromophenyl phenyl ether	1	4.8	U
59-50-7	4-Chloro-3-methylphenol	1	4.8	U
106-47-8	4-Chloroaniline	1	4.8	U
7005-72-3	4-Chlorophenyl phenyl ether	1	4.8	U
106-44-5	4-Methylphenol	1	9.6	U
100-01-6	4-Nitroaniline	1	9.6	U
100-02-7	4-Nitrophenol	1	9.6	U
83-32-9	Acenaphthene	1	4.8	U
208-96-8	Acenaphthylene	1	4.8	U
98-86-2	Acetophenone	1	0.90	J
120-12-7	Anthracene	1	4.8	U
1912-24-9	Atrazine	1	4.8	U
100-52-7	Benzaldehyde	1	4.8	U
56-55-3	Benzo(a)anthracene	1	4.8	U
50-32-8	Benzo(a)pyrene	1	4.8	U
205-99-2	Benzo(b)fluoranthene	1	4.8	U
191-24-2	Benzo(ghi)perylene	1	4.8	U
207-08-9	Benzo(k)fluoranthene	1	4.8	U
92-82-4	Biphenyl	1	4.8	U
141-91-1	Bis(2-chloroethoxy)methane	1	4.8	U
111-44-4	Bis(2-chloroethyl)ether	1	4.8	U
117-81-7	Bis(2-ethylhexyl) phthalate	1	3.0	J

345/1258

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Form 1
ORGANIC ANALYSIS DATA SHEET

8270C

BR-1

Laboratory: TestAmerica Buffalo SDG: _____
 Client: New York State D.E.C. - Buffalo, NY Project: NYSDEC-Commerce Square: Spill# E932141
 Matrix: Water Laboratory ID: RTE1137-01RE1 File ID: X5146.D
 Sampled: 05/21/10 11:40 Prepared: 06/03/10 09:30 Analyzed: 06/04/10 21:17
 Solids: _____ Preparation: 3510C MB Initial/Final: 1040 mL / 1 mL
 Batch: 10F0222 Sequence: T002444 Calibration: R10F014 Instrument: HP5973X

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q		
85-68-7	Butyl benzyl phthalate	1	4.8	U		
105-60-2	Caprolactam	1	4.8	U		
86-74-8	Carbazole	1	4.8	U		
218-01-9	Chrysene	1	4.8	U		
53-70-3	Dibenzo(a,h)anthracene	1	4.8	U		
132-64-9	Dibenzofuran	1	9.6	U		
84-66-2	Diethyl phthalate	1	4.8	U		
131-11-3	Dimethyl phthalate	1	4.8	U		
84-74-2	Di-n-butyl phthalate	1	4.8	U		
117-84-0	Di-n-octyl phthalate	1	4.8	U		
206-44-0	Fluoranthene	1	4.8	U		
86-73-7	Fluorene	1	4.8	U		
118-74-1	Hexachlorobenzene	1	4.8	U		
87-68-3	Hexachlorobutadiene	1	4.8	U		
77-47-4	Hexachlorocyclopentadiene	1	4.8	U		
67-72-1	Hexachloroethane	1	4.8	U		
193-39-5	Indeno(1,2,3-cd)pyrene	1	4.8	U		
78-59-1	Isophorone	1	4.8	U		
91-20-3	Naphthalene	1	1.5	J		
98-95-3	Nitrobenzene	1	4.8	U		
621-64-7	N-Nitrosodi-n-propylamine	1	4.8	U		
86-30-6	N-Nitrosodiphenylamine	1	4.8	U		
87-86-5	Pentachlorophenol	1	9.6	U		
85-01-8	Phenanthrene	1	4.8	U		
108-95-2	Phenol	1	4.8	U		
129-00-0	Pyrene	1	4.8	U		
SYSTEM MONITORING COMPOUND		ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
2,4,6-Tribromophenol		144	146	101	52 - 132	
2-Fluorobiphenyl		96.2	81.6	85	48 - 120	
2-Fluorophenol		144	47.8	33	20 - 120	
Nitrobenzene-d5		96.2	74.8	78	46 - 120	
Phenol-d5		144	35.4	25	16 - 120	
p-Terphenyl-d14		96.2	39.7	41	24 - 136	
INTERNAL STANDARD		AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4		120958	6.2	144810	6.2	
Acenaphthene-d10		235298	9.78	266354	9.78	
Chrysene-d12		493707	13.77	530241	13.77	
Naphthalene-d8		418641	7.72	503417	7.72	
Perylene-d12		449969	15.03	515675	15.04	
Phenanthrene-d10		400254	346/1258 11.36	429446	11.36	

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Form 1
ORGANIC ANALYSIS DATA SHEET

8270C

BR-2

Laboratory: TestAmerica Buffalo SDG:
 Client: New York State D.E.C. - Buffalo, NY Project: NYSDEC-Commerce Square: Spill# E932141
 Matrix: Water Laboratory ID: RTE1137-02 File ID: X4872.D
 Sampled: 05/21/10 12:30 Prepared: 05/24/10 08:00 Analyzed: 05/29/10 16:11
 Solids: Preparation: 3510C MB Initial/Final: 1020 mL / 1 mL
 Batch: 10E1815 Sequence: T002341 Calibration: R10E156 Instrument: HP5973X

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
108-60-1	2,2'-Oxybis(1-Chloropropane)	1	4.9	U
95-95-4	2,4,5-Trichlorophenol	1	4.9	U
88-06-2	2,4,6-Trichlorophenol	1	4.9	U
120-83-2	2,4-Dichlorophenol	1	4.9	U
105-67-9	2,4-Dimethylphenol	1	4.9	U
51-28-5	2,4-Dinitrophenol	1	9.8	U 3
121-14-2	2,4-Dinitrotoluene	1	4.9	U
606-20-2	2,6-Dinitrotoluene	1	4.9	U
91-58-7	2-Chloronaphthalene	1	4.9	U
95-57-8	2-Chlorophenol	1	4.9	U 3
91-57-6	2-Methylnaphthalene	1	4.9	U
95-48-7	2-Methylphenol	1	4.9	U
88-74-4	2-Nitroaniline	1	9.8	U
88-75-5	2-Nitrophenol	1	4.9	U
91-94-1	3,3'-Dichlorobenzidine	1	4.9	U
99-09-2	3-Nitroaniline	1	9.8	U
534-52-1	4,6-Dinitro-2-methylphenol	1	9.8	U
101-55-3	4-Bromophenyl phenyl ether	1	4.9	U
59-50-7	4-Chloro-3-methylphenol	1	4.9	U 3
106-47-8	4-Chloroaniline	1	4.9	U
7005-72-3	4-Chlorophenyl phenyl ether	1	4.9	U
106-44-5	4-Methylphenol	1	9.8	U
100-01-6	4-Nitroaniline	1	9.8	U
100-02-7	4-Nitrophenol	1	9.8	U
83-32-9	Acenaphthene	1	4.9	U 3
208-96-8	Acenaphthylene	1	4.9	U
98-86-2	Acetophenone	1	4.9	U
120-12-7	Anthracene	1	4.9	U
1912-24-9	Atrazine	1	4.9	U
100-52-7	Benzaldehyde	1	4.9	U
56-55-3	Benzo(a)anthracene	1	4.9	U
50-32-8	Benzo(a)pyrene	1	4.9	U
205-99-2	Benzo(b)fluoranthene	1	4.9	U
191-24-2	Benzo(ghi)perylene	1	4.9	U
207-08-9	Benzo(k)fluoranthene	1	4.9	U
92-52-4	Biphenyl	1	4.9	U
111-91-1	Bis(2-chloroethoxy)methane	1	4.9	U
111-44-4	Bis(2-chloroethyl)ether	1	4.9	U
117-81-7	Bis(2-ethylhexyl) phthalate	1	3.0	J

353/1258

Form Rev: 11/23/09

Printed: 06/17/2010

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Form 1
ORGANIC ANALYSIS DATA SHEET

8270C

BR-2

Laboratory: TestAmerica Buffalo SDG: _____
 Client: New York State D.E.C. - Buffalo, NY Project: NYSDEC-Commerce Square: Spill# E932141
 Matrix: Water Laboratory ID: RTE1137-02 File ID: X4872.D
 Sampled: 05/21/10 12:30 Prepared: 05/24/10 08:00 Analyzed: 05/29/10 16:11
 Solids: _____ Preparation: 3510C MB Initial/Final: 1020 mL / 1 mL
 Batch: 10E1815 Sequence: T002341 Calibration: R10E156 Instrument: HP5973X

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q		
85-68-7	Butyl benzyl phthalate	1	4.9	U		
105-60-2	Caprolactam	1	4.3	J		
86-74-8	Carbazole	1	4.9	U		
218-01-9	Chrysene	1	4.9	U		
53-70-3	Dibenzo(a,h)anthracene	1	4.9	U		
132-64-9	Dibenzofuran	1	9.8	U		
84-66-2	Diethyl phthalate	1	4.9	U		
131-11-3	Dimethyl phthalate	1	4.9	U		
84-74-2	Di-n-butyl phthalate	1	4.9	U		
117-84-0	Di-n-octyl phthalate	1	4.9	U		
206-44-0	Fluoranthene	1	4.9	U		
86-73-7	Fluorene	1	4.9	U		
118-74-1	Hexachlorobenzene	1	4.9	U		
87-68-3	Hexachlorobutadiene	1	4.9	U		
77-47-4	Hexachlorocyclopentadiene	1	4.9	U		
67-72-1	Hexachloroethane	1	4.9	U		
193-39-5	Indeno(1,2,3-cd)pyrene	1	4.9	U		
78-59-1	Isophorone	1	4.9	U		
91-20-3	Naphthalene	1	4.9	U		
98-95-3	Nitrobenzene	1	4.9	U		
621-64-7	N-Nitrosodi-n-propylamine	1	4.9	U		
86-30-6	N-Nitrosodiphenylamine	1	4.9	U		
87-86-5	Pentachlorophenol	1	9.8	U		
85-01-8	Phenanthrene	1	4.9	U		
108-95-2	Phenol	1	4.9	U		
129-00-0	Pyrene	1	4.9	U		
SYSTEM MONITORING COMPOUND		ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
2,4,6-Tribromophenol		147	145	98	52 - 132	
2-Fluorobiphenyl		98.0	63.2	64	48 - 120	
2-Fluorophenol		147	37.8	26	20 - 120	
Nitrobenzene-d5		98.0	54.7	56	46 - 120	
Phenol-d5		147	30.5	21	16 - 120	
p-Terphenyl-d14		98.0	51.9	53	24 - 136	
INTERNAL STANDARD		AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4		100585	6.28	189003	6.28	
Acenaphthene-d10		202190	9.84	394547	9.84	
Chrysene-d12		384779	13.82	758339	13.83	
Naphthalene-d8		379206	7.78	715024	7.78	
Perylene-d12		362670	15.12	701451	15.12	
Phenanthrene-d10		319020	11.42	628003	11.42	

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Form 1
ORGANIC ANALYSIS DATA SHEET

8270C

BR-2

Laboratory: TestAmerica Buffalo SDG:
 Client: New York State D.E.C. - Buffalo, NY Project: NYSDEC-Commerce Square: Spill# E932141
 Matrix: Water Laboratory ID: RTE1137-02RE1 File ID: X5147.D
 Sampled: 05/21/10 12:30 Prepared: 06/03/10 09:30 Analyzed: 06/04/10 21:39
 Solids: Preparation: 3510C MB Initial/Final: 1030 mL / 1 mL
 Batch: 10F0222 Sequence: T002444 Calibration: R10F014 Instrument: HP5973X

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
108-60-1	2,2'-Oxybis(1-Chloropropane)	1	4.9	U <i>5</i>
95-95-4	2,4,5-Trichlorophenol	1	4.9	U
88-06-2	2,4,6-Trichlorophenol	1	4.9	U
120-83-2	2,4-Dichlorophenol	1	4.9	U
105-67-9	2,4-Dimethylphenol	1	4.9	U
51-28-5	2,4-Dinitrophenol	1	9.7	U
121-14-2	2,4-Dinitrotoluene	1	4.9	U
606-20-2	2,6-Dinitrotoluene	1	4.9	U
91-58-7	2-Chloronaphthalene	1	4.9	U
95-57-8	2-Chlorophenol	1	4.9	U
91-57-6	2-Methylnaphthalene	1	4.9	U
95-48-7	2-Methylphenol	1	4.9	U
88-74-4	2-Nitroaniline	1	9.7	U
88-75-5	2-Nitrophenol	1	4.9	U
91-94-1	3,3'-Dichlorobenzidine	1	4.9	U
99-09-2	3-Nitroaniline	1	9.7	U
534-52-1	4,6-Dinitro-2-methylphenol	1	9.7	U
101-55-3	4-Bromophenyl phenyl ether	1	4.9	U
59-50-7	4-Chloro-3-methylphenol	1	4.9	U
106-47-8	4-Chloroaniline	1	4.9	U
7005-72-3	4-Chlorophenyl phenyl ether	1	4.9	U
106-44-5	4-Methylphenol	1	9.7	U
100-01-6	4-Nitroaniline	1	9.7	U
100-02-7	4-Nitrophenol	1	9.7	U
83-32-9	Acenaphthene	1	4.9	U
208-96-8	Acenaphthylene	1	4.9	U
98-86-2	Acetophenone	1	4.9	U
120-12-7	Anthracene	1	4.9	U
1912-24-9	Atrazine	1	4.9	U
100-52-7	Benzaldehyde	1	4.9	U
56-55-3	Benzo(a)anthracene	1	4.9	U
50-32-8	Benzo(a)pyrene	1	4.9	U
205-99-2	Benzo(b)fluoranthene	1	4.9	U
191-24-2	Benzo(g,h,i)perylene	1	4.9	U
207-08-9	Benzo(k)fluoranthene	1	4.9	U
92-52-4	Biphenyl	1	4.9	U
111-91-1	Bis(2-chloroethoxy)methane	1	4.9	U
111-44-4	Bis(2-chloroethyl)ether	1	4.9	U
117-81-7	Bis(2-ethylhexyl) phthalate	1	2.0	J

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Form 1
ORGANIC ANALYSIS DATA SHEET

8270C

BR-2

Laboratory: TestAmerica Buffalo SDG: _____
 Client: New York State D.E.C. - Buffalo, NY Project: NYSDEC-Commerce Square: Spill# E932141
 Matrix: Water Laboratory ID: RTE1137-02RE1 File ID: X5147.D
 Sampled: 05/21/10 12:30 Prepared: 06/03/10 09:30 Analyzed: 06/04/10 21:39
 Solids: _____ Preparation: 3510C MB Initial/Final: 1030 mL / 1 mL
 Batch: 10F0222 Sequence: T002444 Calibration: R10F014 Instrument: HP5973X

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q		
85-68-7	Butyl benzyl phthalate	1	4.9	U		
105-60-2	Caprolactam	1	4.9	U		
86-74-8	Carbazole	1	4.9	U		
218-01-9	Chrysene	1	4.9	U		
53-70-3	Dibenzo(a,h)anthracene	1	4.9	U		
132-64-9	Dibenzofuran	1	9.7	U		
84-66-2	Diethyl phthalate	1	4.9	U		
131-11-3	Dimethyl phthalate	1	4.9	U		
84-74-2	Di-n-butyl phthalate	1	4.9	U		
117-84-0	Di-n-octyl phthalate	1	4.9	U		
206-44-0	Fluoranthene	1	4.9	U		
86-73-7	Fluorene	1	4.9	U		
118-74-1	Hexachlorobenzene	1	4.9	U		
87-68-3	Hexachlorobutadiene	1	4.9	U		
77-47-4	Hexachlorocyclopentadiene	1	4.9	U		
67-72-1	Hexachloroethane	1	4.9	U		
193-39-5	Indeno(1,2,3-cd)pyrene	1	4.9	U		
78-59-1	Isophorone	1	4.9	U		
91-20-3	Naphthalene	1	4.9	U		
98-95-3	Nitrobenzene	1	4.9	U		
621-64-7	N-Nitrosodi-n-propylamine	1	4.9	U		
86-30-6	N-Nitrosodiphenylamine	1	4.9	U		
87-86-5	Pentachlorophenol	1	9.7	U		
85-01-8	Phenanthrene	1	4.9	U		
108-95-2	Phenol	1	4.9	U		
129-00-0	Pyrene	1	4.9	U		
SYSTEM MONITORING COMPOUND		ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
2,4,6-Tribromophenol		146	156	107	52 - 132	
2-Fluorobiphenyl		97.1	89.7	92	48 - 120	
2-Fluorophenol		146	53.4	37	20 - 120	
Nitrobenzene-d5		97.1	79.5	82	46 - 120	
Phenol-d5		146	40.8	28	16 - 120	
p-Terphenyl-d14		97.1	63.8	66	24 - 136	
INTERNAL STANDARD		AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4		106567	6.2	144810	6.2	
Acenaphthene-d10		218048	9.78	266354	9.78	
Chrysene-d12		410110	13.77	530241	13.77	
Naphthalene-d8		385109	7.72	503417	7.72	
Perylene-d12		380019	15.03	515675	15.04	
Phenanthrene-d10		364186	11.36	429446	11.36	

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Form 1
ORGANIC ANALYSIS DATA SHEET
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BR-3

Laboratory: TestAmerica Buffalo SDG: _____
 Client: New York State D.E.C. - Buffalo, NY Project: NYSDEC-Commerce Square: Spill# E932141
 Matrix: Water Laboratory ID: RTE1137-03 File ID: X4873.D
 Sampled: 05/21/10 13:30 Prepared: 05/24/10 08:00 Analyzed: 05/29/10 16:34
 Solids: _____ Preparation: 3510C MB Initial/Final: 1020 mL / 1 mL
 Batch: 10E1815 Sequence: T002341 Calibration: R10E156 Instrument: HP5973X

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
108-60-1	2,2'-Oxybis(1-Chloropropane)	1	4.9	U
95-95-4	2,4,5-Trichlorophenol	1	4.9	U
88-06-2	2,4,6-Trichlorophenol	1	4.9	U
120-83-2	2,4-Dichlorophenol	1	4.9	U
105-67-9	2,4-Dimethylphenol	1	4.9	U
51-28-5	2,4-Dinitrophenol	1	9.8	U-5
121-14-2	2,4-Dinitrotoluene	1	4.9	U
606-20-2	2,6-Dinitrotoluene	1	4.9	U
91-58-7	2-Chloronaphthalene	1	4.9	U
95-57-8	2-Chlorophenol	1	4.9	U-5
91-57-6	2-Methylnaphthalene	1	4.9	U
95-48-7	2-Methylphenol	1	4.9	U
88-74-4	2-Nitroaniline	1	9.8	U
88-75-5	2-Nitrophenol	1	4.9	U
91-94-1	3,3'-Dichlorobenzidine	1	4.9	U
99-09-2	3-Nitroaniline	1	9.8	U
534-52-1	4,6-Dinitro-2-methylphenol	1	9.8	U
101-55-3	4-Bromophenyl phenyl ether	1	4.9	U
59-50-7	4-Chloro-3-methylphenol	1	4.9	U-5
106-47-8	4-Chloroaniline	1	4.9	U
7005-72-3	4-Chlorophenyl phenyl ether	1	4.9	U
106-44-5	4-Methylphenol	1	9.8	U
100-01-6	4-Nitroaniline	1	9.8	U
100-02-7	4-Nitrophenol	1	9.8	U
83-32-9	Acenaphthene	1	4.9	U-5
208-96-8	Acenaphthylene	1	4.9	U
98-86-2	Acetophenone	1	4.9	U
120-12-7	Anthracene	1	0.66	J
1912-24-9	Atrazine	1	4.9	U
100-52-7	Benzaldehyde	1	4.9	U
56-55-3	Benzo(a)anthracene	1	1.8	J
50-32-8	Benzo(a)pyrene	1	1.7	J
205-99-2	Benzo(b)fluoranthene	1	1.8	J
191-24-2	Benzo(ghi)perylene	1	1.1	J
207-08-9	Benzo(k)fluoranthene	1	0.80	J
92-52-4	Biphenyl	1	4.9	U
111-91-1	Bis(2-chloroethoxy)methane	1	4.9	U
111-44-4	Bis(2-chloroethyl)ether	1	4.9	U
117-81-7	Bis(2-ethylhexyl) phthalate	1	4.9	U

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ORGANIC ANALYSIS DATA SHEET
8270C

BR-3

Laboratory: TestAmerica Buffalo SDG:
 Client: New York State D.E.C. - Buffalo, NY Project: NYSDEC-Commerce Square: Spill# E932141
 Matrix: Water Laboratory ID: RTE1137-03 File ID: X4873.D
 Sampled: 05/21/10 13:30 Prepared: 05/24/10 08:00 Analyzed: 05/29/10 16:34
 Solids: Preparation: 3510C MB Initial/Final: 1020 mL / 1 mL
 Batch: 10E1815 Sequence: T002341 Calibration: R10E156 Instrument: HP5973X

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)		Q	
85-68-7	Butyl benzyl phthalate	1	4.9		U	
105-60-2	Caprolactam	1	4.9		U	
86-74-8	Carbazole	1	0.54		J	
218-01-9	Chrysene	1	1.5		J	
53-70-3	Dibenzo(a,h)anthracene	1	4.9		U	
132-64-9	Dibenzofuran	1	9.8		U	
84-66-2	Diethyl phthalate	1	0.33		J	
131-11-3	Dimethyl phthalate	1	4.9		U	
84-74-2	Di-n-butyl phthalate	1	4.9		U	
117-84-0	Di-n-octyl phthalate	1	4.9		U	
206-44-0	Fluoranthene	1	4.4		J	
86-73-7	Fluorene	1	4.9		U	
118-74-1	Hexachlorobenzene	1	4.9		U	
87-68-3	Hexachlorobutadiene	1	4.9		U	
77-47-4	Hexachlorocyclopentadiene	1	4.9		U	
67-72-1	Hexachloroethane	1	4.9		U	
193-39-5	Indeno(1,2,3-cd)pyrene	1	0.88		J	
78-59-1	Isophorone	1	4.9		U	
91-20-3	Naphthalene	1	4.9		U	
98-95-3	Nitrobenzene	1	4.9		U	
621-64-7	N-Nitrosodi-n-propylamine	1	4.9		U	
86-30-6	N-Nitrosodiphenylamine	1	4.9		U	
87-86-5	Pentachlorophenol	1	9.8		U	
85-01-8	Phenanthrene	1	3.4		J	
108-95-2	Phenol	1	4.9		U	
129-00-0	Pyrene	1	3.4		J	
SYSTEM MONITORING COMPOUND		ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
2,4,6-Tribromophenol		147	147	100	52 - 132	
2-Fluorobiphenyl		98.0	81.5	83	48 - 120	
2-Fluorophenol		147	48.8	33	20 - 120	
Nitrobenzene-d5		98.0	73.2	75	46 - 120	
Phenol-d5		147	40.3	27	16 - 120	
p-Terphenyl-d14		98.0	46.1	47	24 - 136	
INTERNAL STANDARD		AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4		99047	6.28	189003	6.28	
Acenaphthene-d10		199984	9.84	394547	9.84	
Chrysene-d12		389112	13.82	758339	13.83	
Naphthalene-d8		370799	7.78	715024	7.78	
Perylene-d12		364802	15.11	701451	15.12	
Phenanthrene-d10		320310	370.1258	628003	11.42	

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ORGANIC ANALYSIS DATA SHEET
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BR-3

Laboratory: TestAmerica Buffalo SDG:
 Client: New York State D.E.C. - Buffalo, NY Project: NYSDEC-Commerce Square: Spill# E932141
 Matrix: Water Laboratory ID: RTE1137-03RE1 File ID: X5148.D
 Sampled: 05/21/10 13:30 Prepared: 06/03/10 09:30 Analyzed: 06/04/10 22:02
 Solids: Preparation: 3510C MB Initial/Final: 1020 mL / 1 mL
 Batch: 10F0222 Sequence: T002444 Calibration: R10F014 Instrument: HP5973X

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
108-60-1	2,2'-Oxybis(1-Chloropropane)	1	4.9	U 3
95-95-4	2,4,5-Trichlorophenol	1	4.9	U
88-06-2	2,4,6-Trichlorophenol	1	4.9	U
120-83-2	2,4-Dichlorophenol	1	4.9	U
105-67-9	2,4-Dimethylphenol	1	4.9	U
51-28-5	2,4-Dinitrophenol	1	9.8	U
121-14-2	2,4-Dinitrotoluene	1	4.9	U
606-20-2	2,6-Dinitrotoluene	1	4.9	U
91-58-7	2-Chloronaphthalene	1	4.9	U
95-57-8	2-Chlorophenol	1	4.9	U
91-57-6	2-Methylnaphthalene	1	4.9	U
95-48-7	2-Methylphenol	1	4.9	U
88-74-4	2-Nitroaniline	1	9.8	U
88-75-5	2-Nitrophenol	1	4.9	U
91-94-1	3,3'-Dichlorobenzidine	1	4.9	U
99-09-2	3-Nitroaniline	1	9.8	U
534-52-1	4,6-Dinitro-2-methylphenol	1	9.8	U
101-55-3	4-Bromophenyl phenyl ether	1	4.9	U
59-50-7	4-Chloro-3-methylphenol	1	4.9	U
106-47-8	4-Chloroaniline	1	4.9	U
7005-72-3	4-Chlorophenyl phenyl ether	1	4.9	U
106-44-5	4-Methylphenol	1	9.8	U
100-01-6	4-Nitroaniline	1	9.8	U
100-02-7	4-Nitrophenol	1	9.8	U
83-32-9	Acenaphthene	1	4.9	U
208-96-8	Acenaphthylene	1	4.9	U
98-86-2	Acetophenone	1	4.9	U
120-12-7	Anthracene	1	4.9	U
1912-24-9	Atrazine	1	4.9	U
100-52-7	Benzaldehyde	1	4.9	U
56-55-3	Benzo(a)anthracene	1	0.44	J
50-32-8	Benzo(a)pyrene	1	4.9	U
205-99-2	Benzo(b)fluoranthene	1	4.9	U
191-24-2	Benzo(ghi)perylene	1	4.9	U
207-08-9	Benzo(k)fluoranthene	1	4.9	U
92-52-4	Biphenyl	1	4.9	U
111-91-1	Bis(2-chloroethoxy)methane	1	4.9	U
111-44-4	Bis(2-chloroethyl)ether	1	4.9	U
117-81-7	Bis(2-ethylhexyl) phthalate	1	4.9	U

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Form 1
ORGANIC ANALYSIS DATA SHEET
8270C

BR-3

Laboratory: TestAmerica Buffalo SDG:
 Client: New York State D.E.C. - Buffalo, NY Project: NYSDEC-Commerce Square: Spill# E832141
 Matrix: Water Laboratory ID: RTE1137-03RE1 File ID: X5148.D
 Sampled: 05/21/10 13:30 Prepared: 06/03/10 09:30 Analyzed: 06/04/10 22:02
 Solids: Preparation: 3510C MB Initial/Final: 1020 mL / 1 mL
 Batch: 10F0222 Sequence: T002444 Calibration: R10F014 Instrument: HP5973X

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q		
85-68-7	Butyl benzyl phthalate	1	4.9	U		
105-60-2	Caprolactam	1	4.9	U		
86-74-8	Carbazole	1	4.9	U		
218-01-9	Chrysene	1	4.9	U		
53-70-3	Dibenzo(a,h)anthracene	1	4.9	U		
132-64-9	Dibenzofuran	1	9.8	U		
84-66-2	Diethyl phthalate	1	4.9	U		
131-11-3	Dimethyl phthalate	1	4.9	U		
84-74-2	Di-n-butyl phthalate	1	4.9	U		
117-84-0	Di-n-octyl phthalate	1	4.9	U		
206-44-0	Fluoranthene	1	0.64	J		
86-73-7	Fluorene	1	4.9	U		
118-74-1	Hexachlorobenzene	1	4.9	U		
87-68-3	Hexachlorobutadiene	1	4.9	U		
77-47-4	Hexachlorocyclopentadiene	1	4.9	U		
67-72-1	Hexachloroethane	1	4.9	U		
193-39-5	Indeno(1,2,3-cd)pyrene	1	4.9	U		
78-59-1	Isophorone	1	4.9	U		
91-20-3	Naphthalene	1	4.9	U		
98-95-3	Nitrobenzene	1	4.9	U		
621-64-7	N-Nitrosodi-n-propylamine	1	4.9	U		
86-30-6	N-Nitrosodiphenylamine	1	4.9	U		
87-86-5	Pentachlorophenol	1	9.8	U		
85-01-8	Phenanthrene	1	0.46	J		
108-95-2	Phenol	1	4.9	U		
129-00-0	Pyrene	1	0.57	J		
SYSTEM MONITORING COMPOUND		ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
2,4,6-Tribromophenol		147	154	105	52 - 132	
2-Fluorobiphenyl		98.0	87.3	89	48 - 120	
2-Fluorophenol		147	52.9	36	20 - 120	
Nitrobenzene-d5		98.0	78.4	80	46 - 120	
Phenol-d5		147	41.6	28	16 - 120	
p-Terphenyl-d14		98.0	51.0	52	24 - 136	
INTERNAL STANDARD		AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4		116439	6.2	144810	6.2	
Acenaphthene-d10		230661	9.78	266354	9.78	
Chrysene-d12		457748	13.77	530241	13.77	
Naphthalene-d8		413694	7.72	503417	7.72	
Perylene-d12		423884	15.03	515675	15.04	
Phenanthrene-d10		379692	386/1258 11.36	429446	11.36	

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ORGANIC ANALYSIS DATA SHEET

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BR-4

Laboratory: TestAmerica Buffalo SDG:
 Client: New York State D.E.C. - Buffalo, NY Project: NYSDEC-Commerce Square: Spill# E932141
 Matrix: Water Laboratory ID: RTE1137-04 File ID: X4874.D
 Sampled: 05/21/10 14:20 Prepared: 05/24/10 08:00 Analyzed: 05/29/10 16:56
 Solids: Preparation: 3510C MB Initial/Final: 740 mL / 1 mL
 Batch: 10E1815 Sequence: T002341 Calibration: R10E156 Instrument: HP5973X

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
108-60-1	2,2'-Oxybis(1-Chloropropane)	1	6.8	U
95-95-4	2,4,5-Trichlorophenol	1	6.8	U
88-06-2	2,4,6-Trichlorophenol	1	6.8	U
120-83-2	2,4-Dichlorophenol	1	6.8	U
105-67-9	2,4-Dimethylphenol	1	6.8	U
51-28-5	2,4-Dinitrophenol	1	14	U <i>5</i>
121-14-2	2,4-Dinitrotoluene	1	6.8	U
606-20-2	2,6-Dinitrotoluene	1	6.8	U
91-58-7	2-Chloronaphthalene	1	6.8	U
95-57-8	2-Chlorophenol	1	6.8	U <i>5</i>
91-57-6	2-Methylnaphthalene	1	6.8	U
95-48-7	2-Methylphenol	1	6.8	U
88-74-4	2-Nitroaniline	1	14	U
88-75-5	2-Nitrophenol	1	6.8	U
91-94-1	3,3'-Dichlorobenzidine	1	6.8	U
99-09-2	3-Nitroaniline	1	14	U
534-52-1	4,6-Dinitro-2-methylphenol	1	14	U
101-55-3	4-Bromophenyl phenyl ether	1	6.8	U
59-50-7	4-Chloro-3-methylphenol	1	6.8	U <i>5</i>
106-47-8	4-Chloroaniline	1	6.8	U
7005-72-3	4-Chlorophenyl phenyl ether	1	6.8	U
106-44-5	4-Methylphenol	1	14	U
100-01-6	4-Nitroaniline	1	14	U
100-02-7	4-Nitrophenol	1	14	U
83-32-9	Acenaphthene	1	6.8	U <i>5</i>
208-96-8	Acenaphthylene	1	6.8	U
98-86-2	Acetophenone	1	6.8	U
120-12-7	Anthracene	1	6.8	U
1912-24-9	Atrazine	1	6.8	U
100-52-7	Benzaldehyde	1	6.8	U
56-55-3	Benzo(a)anthracene	1	6.8	U
50-32-8	Benzo(a)pyrene	1	6.8	U
205-99-2	Benzo(b)fluoranthene	1	6.8	U
191-24-2	Benzo(ghi)perylene	1	6.8	U
207-08-9	Benzo(k)fluoranthene	1	6.8	U
92-52-4	Biphenyl	1	6.8	U
111-91-1	Bis(2-chloroethoxy)methane	1	6.8	U
111-44-4	Bis(2-chloroethyl)ether	1	6.8	U
117-81-7	Bis(2-ethylhexyl) phthalate	1	3.1	J

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8/10/10

Form 1
ORGANIC ANALYSIS DATA SHEET
8270C

BR-4

Laboratory: TestAmerica Buffalo SDG:
 Client: New York State D.E.C. - Buffalo, NY Project: NYSDEC-Commerce Square: Spill# E932141
 Matrix: Water Laboratory ID: RTE1137-04 File ID: X4874.D
 Sampled: 05/21/10 14:20 Prepared: 05/24/10 08:00 Analyzed: 05/29/10 16:56
 Solids: Preparation: 3510C MB Initial/Final: 740 mL / 1 mL
 Batch: 10E1815 Sequence: T002341 Calibration: R10E156 Instrument: HP5973X

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q		
85-68-7	Butyl benzyl phthalate	1	6.8	U		
105-60-2	Caprolactam	1	6.8	U		
86-74-8	Carbazole	1	6.8	U		
218-01-9	Chrysene	1	6.8	U		
53-70-3	Dibenzo(a,h)anthracene	1	6.8	U		
132-64-9	Dibenzofuran	1	14	U		
84-66-2	Diethyl phthalate	1	6.8	U		
131-11-3	Dimethyl phthalate	1	6.8	U		
84-74-2	Di-n-butyl phthalate	1	6.8 - 0.81	U		
117-84-0	Di-n-octyl phthalate	1	6.8	U		
206-44-0	Fluoranthene	1	6.8	U		
86-73-7	Fluorene	1	6.8	U		
118-74-1	Hexachlorobenzene	1	6.8	U		
87-68-3	Hexachlorobutadiene	1	6.8	U		
77-47-4	Hexachlorocyclopentadiene	1	6.8	U		
67-72-1	Hexachloroethane	1	6.8	U		
193-39-5	Indeno(1,2,3-cd)pyrene	1	6.8	U		
78-59-1	Isophorone	1	6.8	U		
91-20-3	Naphthalene	1	6.8	U		
98-95-3	Nitrobenzene	1	6.8	U		
621-64-7	N-Nitrosodi-n-propylamine	1	6.8	U		
86-30-6	N-Nitrosodiphenylamine	1	6.8	U		
87-86-5	Pentachlorophenol	1	14	U		
85-01-8	Phenanthrene	1	6.8	U		
108-95-2	Phenol	1	6.8	U		
129-00-0	Pyrene	1	6.8	U		
SYSTEM MONITORING COMPOUND		ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
2,4,6-Tribromophenol		203	221	109	52 - 132	
2-Fluorobiphenyl		135	111	82	48 - 120	
2-Fluorophenol		203	88.5	44	20 - 120	
Nitrobenzene-d5		135	96.1	71	46 - 120	
Phenol-d5		203	76.3	38	16 - 120	
p-Terphenyl-d14		135	70.0	52	24 - 136	
INTERNAL STANDARD		AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4		103198	6.28	189003	6.28	
Acenaphthene-d10		211066	9.84	394547	9.84	
Chrysene-d12		387808	13.82	758339	13.83	
Naphthalene-d8		389928	7.78	715024	7.78	
Perylene-d12		370960	15.11	701451	15.12	
Phenanthrene-d10		330751 394/1258	11.42	628003	11.42	

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Form 1
ORGANIC ANALYSIS DATA SHEET

8270C

BR-4

Laboratory: TestAmerica Buffalo SDG: _____
 Client: New York State D.E.C. - Buffalo, NY Project: NYSDEC-Commerce Square; Spill# E932141
 Matrix: Water Laboratory ID: RTE1137-04RE1 File ID: X5149.D
 Sampled: 05/21/10 14:20 Prepared: 06/03/10 09:30 Analyzed: 06/04/10 22:25
 Solids: _____ Preparation: 3510C MB Initial/Final: 1060 mL / 1 mL
 Batch: 10F0222 Sequence: T002444 Calibration: R10F014 Instrument: HP5973X

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
108-60-1	2,2'-Oxybis(1-Chloropropane)	1	4.7	U
95-95-4	2,4,5-Trichlorophenol	1	4.7	U
88-06-2	2,4,6-Trichlorophenol	1	4.7	U
120-83-2	2,4-Dichlorophenol	1	4.7	U
105-67-9	2,4-Dimethylphenol	1	4.7	U
51-28-5	2,4-Dinitrophenol	1	9.4	U
121-14-2	2,4-Dinitrotoluene	1	4.7	U
606-20-2	2,6-Dinitrotoluene	1	4.7	U
91-58-7	2-Chloronaphthalene	1	4.7	U
95-57-8	2-Chlorophenol	1	4.7	U
91-57-6	2-Methylnaphthalene	1	4.7	U
95-48-7	2-Methylphenol	1	4.7	U
88-74-4	2-Nitroaniline	1	9.4	U
88-75-5	2-Nitrophenol	1	4.7	U
91-94-1	3,3'-Dichlorobenzidine	1	4.7	U
99-09-2	3-Nitroaniline	1	9.4	U
534-52-1	4,6-Dinitro-2-methylphenol	1	9.4	U
101-55-3	4-Bromophenyl phenyl ether	1	4.7	U
59-50-7	4-Chloro-3-methylphenol	1	4.7	U
106-47-8	4-Chloroaniline	1	4.7	U
7005-72-3	4-Chlorophenyl phenyl ether	1	4.7	U
106-44-5	4-Methylphenol	1	9.4	U
100-01-6	4-Nitroaniline	1	9.4	U
100-02-7	4-Nitrophenol	1	9.4	U
83-32-9	Acenaphthene	1	4.7	U
208-96-8	Acenaphthylene	1	4.7	U
98-86-2	Acetophenone	1	4.7	U
120-12-7	Anthracene	1	4.7	U
1912-24-9	Atrazine	1	4.7	U
100-52-7	Benzaldehyde	1	4.7	U
56-55-3	Benzo(a)anthracene	1	4.7	U
50-32-8	Benzo(a)pyrene	1	4.7	U
205-99-2	Benzo(b)fluoranthene	1	4.7	U
191-24-2	Benzo(ghi)perylene	1	4.7	U
207-08-9	Benzo(k)fluoranthene	1	4.7	U
92-52-4	Biphenyl	1	4.7	U
111-91-1	Bis(2-chloroethoxy)methane	1	4.7	U
111-44-4	Bis(2-chloroethyl)ether	1	4.7	U
117-81-7	Bis(2-ethylhexyl) phthalate	1	4.7	U

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06/17/10

Form 1
ORGANIC ANALYSIS DATA SHEET
8270C

BR-4

Laboratory: TestAmerica Buffalo SDG: _____
 Client: New York State D.E.C. - Buffalo, NY Project: NYSDEC-Commerce Square: Spill# E932141
 Matrix: Water Laboratory ID: RTE1137-04RE1 File ID: X5149.D
 Sampled: 05/21/10 14:20 Prepared: 06/03/10 09:30 Analyzed: 06/04/10 22:25
 Solids: _____ Preparation: 3510C MB Initial/Final: 1060 mL / 1 mL
 Batch: 10F0222 Sequence: T002444 Calibration: R10F014 Instrument: HP5973X

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q		
85-68-7	Butyl benzyl phthalate	1	4.7	U		
105-60-2	Caprolactam	1	4.7	U		
86-74-8	Carbazole	1	4.7	U		
218-01-9	Chrysene	1	4.7	U		
53-70-3	Dibenzo(a,h)anthracene	1	4.7	U		
132-64-9	Dibenzofuran	1	9.4	U		
84-66-2	Diethyl phthalate	1	4.7	U		
131-11-3	Dimethyl phthalate	1	4.7	U		
84-74-2	Di-n-butyl phthalate	1	4.7	U		
117-84-0	Di-n-octyl phthalate	1	4.7	U		
206-44-0	Fluoranthene	1	4.7	U		
86-73-7	Fluorene	1	4.7	U		
118-74-1	Hexachlorobenzene	1	4.7	U		
87-68-3	Hexachlorobutadiene	1	4.7	U		
77-47-4	Hexachlorocyclopentadiene	1	4.7	U		
67-72-1	Hexachloroethane	1	4.7	U		
193-39-5	Indeno(1,2,3-cd)pyrene	1	4.7	U		
78-59-1	Isophorone	1	4.7	U		
91-20-3	Naphthalene	1	4.7	U		
98-95-3	Nitrobenzene	1	4.7	U		
621-64-7	N-Nitrosodi-n-propylamine	1	4.7	U		
86-30-6	N-Nitrosodiphenylamine	1	4.7	U		
87-86-5	Pentachlorophenol	1	9.4	U		
85-01-8	Phenanthrene	1	4.7	U		
108-95-2	Phenol	1	4.7	U		
129-00-0	Pyrene	1	4.7	U		
SYSTEM MONITORING COMPOUND		ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
2,4,6-Tribromophenol		142	143	101	52 - 132	
2-Fluorobiphenyl		94.3	75.9	80	48 - 120	
2-Fluorophenol		142	50.1	35	20 - 120	
Nitrobenzene-d5		94.3	68.9	73	46 - 120	
Phenol-d5		142	37.0	26	16 - 120	
p-Terphenyl-d14		94.3	37.6	40	24 - 136	
INTERNAL STANDARD		AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4		118384	6.2	144810	6.2	
Acenaphthene-d10		247237	9.78	266354	9.78	
Chrysene-d12		479076	13.77	530241	13.77	
Naphthalene-d8		441773	7.72	503417	7.72	
Perylene-d12		434104	15.03	515675	15.04	
Phenanthrene-d10		402965	402/1258	429446	11.36	

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Form 1
ORGANIC ANALYSIS DATA SHEET

8270C

GPO-3 6-8

Laboratory: TestAmerica Buffalo SDG:
 Client: New York State D.E.C. - Buffalo, NY Project: NYSDEC-Commerce Square: Spill# E932141
 Matrix: Solid Laboratory ID: RTD1785-01 File ID: V1987.D
 Sampled: 04/20/10 15:20 Prepared: 04/27/10 08:00 Analyzed: 04/30/10 04:12
 Solids: 82.53 Preparation: 3550B MB Initial/Final: 30.07 g / 1 mL
 Batch: 10D2484 Sequence: T001755 Calibration: R10D115 Instrument: HP5973V

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg)	Q
108-60-1	2,2'-Oxybis(1-Chloropropane)	1	210	U
95-95-4	2,4,5-Trichlorophenol	1	210	U
88-06-2	2,4,6-Trichlorophenol	1	210	U
120-83-2	2,4-Dichlorophenol	1	210	U
105-67-9	2,4-Dimethylphenol	1	210	U
51-28-5	2,4-Dinitrophenol	1	400	U
121-14-2	2,4-Dinitrotoluene	1	210	U
606-20-2	2,6-Dinitrotoluene	1	210	U
91-58-7	2-Chloronaphthalene	1	210	U
95-57-8	2-Chlorophenol	1	210	U
91-57-6	2-Methylnaphthalene	1	130	J
95-48-7	2-Methylphenol	1	210	U
88-74-4	2-Nitroaniline	1	400	U
88-75-5	2-Nitrophenol	1	210	U
91-94-1	3,3'-Dichlorobenzidine	1	210	U
99-09-2	3-Nitroaniline	1	400	U
534-52-1	4,6-Dinitro-2-methylphenol	1	400	U
101-55-3	4-Bromophenyl phenyl ether	1	210	U
59-50-7	4-Chloro-3-methylphenol	1	210	U
106-47-8	4-Chloroaniline	1	210	U
7005-72-3	4-Chlorophenyl phenyl ether	1	210	U
106-44-5	4-Methylphenol	1	400	U
100-01-6	4-Nitroaniline	1	400	U
100-02-7	4-Nitrophenol	1	400	U
83-32-9	Acenaphthene	1	210	U
208-96-8	Acenaphthylene	1	210	U
98-86-2	Acetophenone	1	210	U
120-12-7	Anthracene	1	210	U
1912-24-9	Atrazine	1	210	U
100-52-7	Benzaldehyde	1	210	U
56-55-3	Benzo(a)anthracene	1	210	U
50-32-8	Benzo(a)pyrene	1	210	U
205-99-2	Benzo(b)fluoranthene	1	210	U
191-24-2	Benzo(ghi)perylene	1	210	U
207-08-9	Benzo(k)fluoranthene	1	210	U
92-52-4	Biphenyl	1	210	U
111-91-1	Bis(2-chloroethoxy)methane	1	210	U
111-44-4	Bis(2-chloroethyl)ether	1	210	U
117-81-7	Bis(2-ethylhexyl) phthalate	1	210	U

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Form 1
ORGANIC ANALYSIS DATA SHEET
8270C

GPO-3 6-8

Laboratory: TestAmerica Buffalo SDG:
 Client: New York State D.E.C. - Buffalo, NY Project: NYSDEC-Commerce Square: Spill# E932141
 Matrix: Solid Laboratory ID: RTD1785-01 File ID: V1987.D
 Sampled: 04/20/10 15:20 Prepared: 04/27/10 08:00 Analyzed: 04/30/10 04:12
 Solids: 82.53 Preparation: 3550B MB Initial/Final: 30.07 g / 1 mL
 Batch: 10D2484 Sequence: T001755 Calibration: R10D115 Instrument: HP5973V

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg)	Q		
85-68-7	Butyl benzyl phthalate	1	210	U		
105-60-2	Caprolactam	1	210	U		
86-74-8	Carbazole	1	210	U		
218-01-9	Chrysene	1	210	U		
53-70-3	Dibenzo(a,h)anthracene	1	210	U		
132-64-9	Dibenzofuran	1	210	U		
84-66-2	Diethyl phthalate	1	210	U		
131-11-3	Dimethyl phthalate	1	210	U		
84-74-2	Di-n-butyl phthalate	1	210	U		
117-84-0	Di-n-octyl phthalate	1	210	U		
206-44-0	Fluoranthene	1	210	U		
86-73-7	Fluorene	1	210	U		
118-74-1	Hexachlorobenzene	1	210	U		
87-68-3	Hexachlorobutadiene	1	210	U		
77-47-4	Hexachlorocyclopentadiene	1	210	U		
67-72-1	Hexachloroethane	1	210	U		
193-39-5	Indeno(1,2,3-cd)pyrene	1	210	U		
78-59-1	Isophorone	1	210	U		
91-20-3	Naphthalene	1	93	J		
98-95-3	Nitrobenzene	1	210	U		
621-64-7	N-Nitrosodi-n-propylamine	1	210	U		
86-30-6	N-Nitrosodiphenylamine	1	210	U		
87-86-5	Pentachlorophenol	1	400	U		
85-01-8	Phenanthrene	1	210	U		
108-95-2	Phenol	1	210	U		
129-00-0	Pyrene	1	210	U		
SYSTEM MONITORING COMPOUND		ADDED (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
2,4,6-Tribromophenol		6040	6100	101	39 - 146	
2-Fluorobiphenyl		4030	3010	75	37 - 120	
2-Fluorophenol		6040	3280	54	18 - 120	
Nitrobenzene-d5		4030	2350	58	34 - 132	
Phenol-d5		6040	3620	60	11 - 120	
p-Terphenyl-d14		4030	3310	82	58 - 147	
INTERNAL STANDARD		AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4		49797	5.78	57896	5.78	
Acenaphthene-d10		111694	9.77	131628	9.77	
Chrysene-d12		251450	13.95	292122	13.95	
Naphthalene-d8		185758	7.49	220773	7.5	
Perylene-d12		235798	15.22	247619	15.23	
Phenanthrene-d10		199316	245/1008 11.47	235575	11.48	

Form 1
ORGANIC ANALYSIS DATA SHEET

8270C

GPO-3 10-12

Laboratory: TestAmerica Buffalo SDG:
 Client: New York State D.E.C. - Buffalo, NY Project: NYSDEC-Commerce Square: Spill# E932141
 Matrix: Solid Laboratory ID: RTD1785-02 File ID: V1988.D
 Sampled: 04/20/10 15:50 Prepared: 04/27/10 08:00 Analyzed: 04/30/10 04:37
 Solids: 89.28 Preparation: 3550B MB Initial/Final: 30.43 g / 1 mL
 Batch: 10D2484 Sequence: T001755 Calibration: R10D115 Instrument: HP5973V

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg)	Q
108-60-1	2,2'-Oxybis(1-Chloropropane)	10	1900	UD
95-95-4	2,4,5-Trichlorophenol	10	1900	UD
88-06-2	2,4,6-Trichlorophenol	10	1900	UD
120-83-2	2,4-Dichlorophenol	10	1900	UD
105-67-9	2,4-Dimethylphenol	10	1900	UD
51-28-5	2,4-Dinitrophenol	10	3600	UD
121-14-2	2,4-Dinitrotoluene	10	1900	UD
606-20-2	2,6-Dinitrotoluene	10	1900	UD
91-58-7	2-Chloronaphthalene	10	1900	UD
95-57-8	2-Chlorophenol	10	1900	UD
91-57-6	2-Methylnaphthalene	10	1900	UD
95-48-7	2-Methylphenol	10	1900	UD
88-74-4	2-Nitroaniline	10	3600	UD
88-75-5	2-Nitrophenol	10	1900	UD
91-94-1	3,3'-Dichlorobenzidine	10	1900	UD
99-09-2	3-Nitroaniline	10	3600	UD
534-52-1	4,6-Dinitro-2-methylphenol	10	3600	UD
101-55-3	4-Bromophenyl phenyl ether	10	1900	UD
59-50-7	4-Chloro-3-methylphenol	10	1900	UD
106-47-8	4-Chloroaniline	10	1900	UD
7005-72-3	4-Chlorophenyl phenyl ether	10	1900	UD
106-44-5	4-Methylphenol	10	3600	UD
100-01-6	4-Nitroaniline	10	3600	UD
100-02-7	4-Nitrophenol	10	3600	UD ⁵
83-32-9	Acenaphthene	10	1900	UD
208-96-8	Acenaphthylene	10	1900	UD
98-86-2	Acetophenone	10	1900	UD
120-12-7	Anthracene	10	1900	UD
1912-24-9	Atrazine	10	1900	UD
100-52-7	Benzaldehyde	10	1900	UD
56-55-3	Benzo(a)anthracene	10	1900	UD
50-32-8	Benzo(a)pyrene	10	1900	UD
205-99-2	Benzo(b)fluoranthene	10	1900	UD
191-24-2	Benzo(ghi)perylene	10	1900	UD
207-08-9	Benzo(k)fluoranthene	10	1900	UD
92-52-4	Biphenyl	10	1900	UD
111-91-1	Bis(2-chloroethoxy)methane	10	1900	UD
111-44-4	Bis(2-chloroethyl)ether	10	1900	UD
117-81-7	Bis(2-ethylhexyl) phthalate	10	1900	UD

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Form 1
ORGANIC ANALYSIS DATA SHEET
8270C

GPO-3 10-12

Laboratory: TestAmerica Buffalo SDG: _____
 Client: New York State D.E.C. - Buffalo, NY Project: NYSDEC-Commerce Square: Spill# E932141
 Matrix: Solid Laboratory ID: RTD1785-02 File ID: V1988.D
 Sampled: 04/20/10 15:50 Prepared: 04/27/10 08:00 Analyzed: 04/30/10 04:37
 Solids: 89.28 Preparation: 3550B MB Initial/Final: 30.43 g / 1 mL
 Batch: 10D2484 Sequence: T001755 Calibration: R10D115 Instrument: HP5973V

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg)	Q		
85-68-7	Butyl benzyl phthalate	10	1900	UD		
105-60-2	Caprolactam	10	1900	UD		
86-74-8	Carbazole	10	1900	UD		
218-01-9	Chrysene	10	1900	UD		
53-70-3	Dibenzo(a,b)anthracene	10	1900	UD		
132-64-9	Dibenzofuran	10	1900	UD		
84-66-2	Diethyl phthalate	10	1900	UD		
131-11-3	Dimethyl phthalate	10	1900	UD		
84-74-2	Di-n-butyl phthalate	10	1900	UD		
117-84-0	Di-n-octyl phthalate	10	1900	UD		
206-44-0	Fluoranthene	10	1900	UD		
86-73-7	Fluorene	10	1900	UD		
118-74-1	Hexachlorobenzene	10	1900	UD		
87-68-3	Hexachlorobutadiene	10	1900	UD		
77-47-4	Hexachlorocyclopentadiene	10	1900	UD		
67-72-1	Hexachloroethane	10	1900	UD		
193-39-5	Indeno(1,2,3-cd)pyrene	10	1900	UD		
78-59-1	Isophorone	10	1900	UD		
91-20-3	Naphthalene	10	1900	UD		
98-95-3	Nitrobenzene	10	1900	UD		
621-64-7	N-Nitrosodi-n-propylamine	10	1900	UD		
86-30-6	N-Nitrosodiphenylamine	10	1900	UD		
87-86-5	Pentachlorophenol	10	3600	UD		
85-01-8	Phenanthrene	10	1900	UD		
108-95-2	Phenol	10	1900	UD		
129-00-0	Pyrene	10	1900	UD		
SYSTEM MONITORING COMPOUND		ADDED (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
2,4,6-Tribromophenol		5520	4500	82	39 - 146	D
2-Fluorobiphenyl		3680	3440	93	37 - 120	D
2-Fluorophenol		5520	3570	65	18 - 120	D
Nitrobenzene-d5		3680	2430	66	34 - 132	D
Phenol-d5		5520	4040	73	11 - 120	D
p-Terphenyl-d14		3680	3040	83	58 - 147	D
INTERNAL STANDARD		AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4		50736	5.78	57896	5.78	
Acenaphthene-d10		110452	9.77	131628	9.77	
Chrysene-d12		261016	13.95	292122	13.95	
Naphthalene-d8		187672	7.49	220773	7.5	
Perylene-d12		242258	15.22	247619	15.23	
Phenanthrene-d10		197129	11.47	235575	11.48	

Form 1
ORGANIC ANALYSIS DATA SHEET

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B3-16

Laboratory: TestAmerica Buffalo SDG: _____
 Client: New York State D.E.C. - Buffalo, NY Project: NYSDEC-Commerce Square: Spill# E932141
 Matrix: Solid Laboratory ID: RTB1089-01 File ID: 12a76116
 Sampled: 02/26/10 00:00 Prepared: 03/03/10 08:00 Analyzed: 03/04/10 08:05
 Solids: 83.30 Preparation: 3550B GC Initial/Final: 30.41 g / 10 mL
 Batch: 10C0123 Sequence: T000784 Calibration: R10B022 Instrument: HP5890-12

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg)	Q		
12674-11-2	Aroclor 1016	1	20	U		
11104-28-2	Aroclor 1221	1	20	U		
11141-16-5	Aroclor 1232	1	20	U		
53469-21-9	Aroclor 1242	1	20	U		
12672-29-6	Aroclor 1248	1	20	U		
11097-69-1	Aroclor 1254	1	20	U		
11096-82-5	Aroclor 1260	1	20	U		
SYSTEM MONITORING COMPOUND		ADDED (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
Decachlorobiphenyl		7.90	8.08	102	34 - 148	
Tetrachloro-m-xylene		7.90	6.70	85	35 - 134	

* Values outside of QC limits

Handwritten signature
8/19/10

Form 1
ORGANIC ANALYSIS DATA SHEET

8082

B3-18

Laboratory: TestAmerica Buffalo SDG: _____
 Client: New York State D.E.C. - Buffalo, NY Project: NYSDEC-Commerce Square; Spill# E932141
 Matrix: Solid Laboratory ID: RTB1089-02 File ID: 12a76117
 Sampled: 02/26/10 00:00 Prepared: 03/03/10 08:00 Analyzed: 03/04/10 08:20
 Solids: 82.93 Preparation: 3550B GC Initial/Final: 30.29 g / 10 mL
 Batch: 10C0123 Sequence: T000784 Calibration: R10B022 Instrument: HP5890-12

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg)	Q		
12674-11-2	Aroclor 1016	1	20	U		
11104-28-2	Aroclor 1221	1	20	U		
11141-16-5	Aroclor 1232	1	20	U		
53469-21-9	Aroclor 1242	1	20	U		
12672-29-6	Aroclor 1248	1	20	U		
11097-69-1	Aroclor 1254	1	20	U		
11096-82-5	Aroclor 1260	1	20	U		
SYSTEM MONITORING COMPOUND		ADDED (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
Decachlorobiphenyl		7.96	8.32	104	34 - 148	
Tetrachloro-m-xylene		7.96	6.83	86	35 - 134	

* Values outside of QC limits

QPR
8/9/10

Form 1
ORGANIC ANALYSIS DATA SHEET

8082

BR-1

Laboratory: TestAmerica Buffalo SDG: _____
 Client: New York State D.E.C. - Buffalo, NY Project: NYSDEC-Commerce Square: Spill# E932141
 Matrix: Water Laboratory ID: RTE1137-01 File ID: 7b122_145
 Sampled: 05/21/10 11:40 Prepared: 05/25/10 07:30 Analyzed: 05/25/10 15:53
 Solids: _____ Preparation: 3510C GC Initial/Final: 980 mL / 10 mL
 Batch: 10E1920 Sequence: T002286 Calibration: R10E031 Instrument: HP6890-7

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q		
12674-11-2	Aroclor 1016 [2C]	1	0.51	U		
11104-28-2	Aroclor 1221 [2C]	1	0.51	U		
11141-16-5	Aroclor 1232 [2C]	1	0.51	U		
53469-21-9	Aroclor 1242 [2C]	1	0.51	U		
12672-29-6	Aroclor 1248 [2C]	1	0.51	U		
11097-69-1	Aroclor 1254 [2C]	1	0.51	U		
11096-82-5	Aroclor 1260 [2C]	1	0.51	U		
SYSTEM MONITORING COMPOUND		ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Decachlorobiphenyl [2C]		0.204	0.0935	46	12 - 137	
Tetrachloro-m-xylene [2C]		0.204	0.179	88	35 - 121	

* Values outside of QC limits

Form 1
ORGANIC ANALYSIS DATA SHEET

8082

BR-2

Laboratory: TestAmerica Buffalo SDG: _____
 Client: New York State D.E.C. - Buffalo, NY Project: NYSDEC-Commerce Square; Spill# E932141
 Matrix: Water Laboratory ID: RTE1137-02 File ID: 7b122_146
 Sampled: 05/21/10 12:30 Prepared: 05/25/10 07:30 Analyzed: 05/25/10 16:08
 Solids: _____ Preparation: 3510C GC Initial/Final: 1020 mL / 10 mL
 Batch: 10E1920 Sequence: T002286 Calibration: R10E031 Instrument: HP6890-7

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q		
12674-11-2	Aroclor 1016 [2C]	1	0.49	U		
11104-28-2	Aroclor 1221 [2C]	1	0.49	U		
11141-16-5	Aroclor 1232 [2C]	1	0.49	U		
53469-21-9	Aroclor 1242 [2C]	1	0.49	U		
12672-29-6	Aroclor 1248 [2C]	1	0.49	U		
11097-69-1	Aroclor 1254 [2C]	1	0.49	U		
11096-82-5	Aroclor 1260 [2C]	1	0.49	U		
SYSTEM MONITORING COMPOUND		ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Decachlorobiphenyl [2C]		0.196	0.0932	48	12 - 137	
Tetrachloro-m-xylene [2C]		0.196	0.170	87	35 - 121	

* Values outside of QC limits

Form 1
ORGANIC ANALYSIS DATA SHEET

8082

BR-3

Laboratory: TestAmerica Buffalo SDG: _____
 Client: New York State D.E.C. - Buffalo, NY Project: NYSDEC-Commerce Square: Spill# E932141
 Matrix: Water Laboratory ID: RTE1137-03 File ID: 7b122_147
 Sampled: 05/21/10 13:30 Prepared: 05/25/10 07:30 Analyzed: 05/25/10 16:24
 Solids: _____ Preparation: 3510C GC Initial/Final: 950 mL / 10 mL
 Batch: 10E1920 Sequence: T002286 Calibration: R10E031 Instrument: HP6890-7

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)		Q	
12674-11-2	Aroclor 1016 [2C]	1	0.53		U	
11104-28-2	Aroclor 1221 [2C]	1	0.53		U	
11141-16-5	Aroclor 1232 [2C]	1	0.53		U	
53469-21-9	Aroclor 1242 [2C]	1	0.53		U	
12672-29-6	Aroclor 1248 [2C]	1	0.53		U	
11097-69-1	Aroclor 1254 [2C]	1	0.53		U	
11096-82-5	Aroclor 1260 [2C]	1	0.53		U	
SYSTEM MONITORING COMPOUND		ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Decachlorobiphenyl [2C]		0.211	0.116	55	12 - 137	
Tetrachloro-m-xylene [2C]		0.211	0.186	88	35 - 121	

* Values outside of QC limits

Form 1
ORGANIC ANALYSIS DATA SHEET
8082

BR-4

Laboratory: TestAmerica Buffalo SDG:
 Client: New York State D.E.C. - Buffalo, NY Project: NYSDEC-Commerce Square: Spill# E932141
 Matrix: Water Laboratory ID: RTE1137-04 File ID: 7b122_148
 Sampled: 05/21/10 14:20 Prepared: 05/25/10 07:30 Analyzed: 05/25/10 16:39
 Solids: Preparation: 3510C GC Initial/Final: 930 mL / 10 mL
 Batch: 10E1920 Sequence: T002286 Calibration: R10E031 Instrument: HP6890-7

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)		Q	
12674-11-2	Aroclor 1016 [2C]	1	0.54		U	
11104-28-2	Aroclor 1221 [2C]	1	0.54		U	
11141-16-5	Aroclor 1232 [2C]	1	0.54		U	
53469-21-9	Aroclor 1242 [2C]	1	0.54		U	
12672-29-6	Aroclor 1248 [2C]	1	0.54		U	
11097-69-1	Aroclor 1254 [2C]	1	0.54		U	
11096-82-5	Aroclor 1260 [2C]	1	0.54		U	
SYSTEM MONITORING COMPOUND		ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Decachlorobiphenyl [2C]		0.215	0.105	49	12 - 137	
Tetrachloro-m-xylene [2C]		0.215	0.196	91	35 - 121	

* Values outside of QC limits

Form 1
ORGANIC ANALYSIS DATA SHEET

8082

GPO-3 6-8

Laboratory: TestAmerica Buffalo SDG: _____
 Client: New York State D.E.C. - Buffalo, NY Project: NYSDEC-Commerce Square: Spill# E932141
 Matrix: Solid Laboratory ID: RTD1785-01 File ID: 12B86209
 Sampled: 04/20/10 15:20 Prepared: 04/30/10 08:00 Analyzed: 05/02/10 18:43
 Solids: 82.53 Preparation: 3550B GC Initial/Final: 30.61 g / 10 mL
 Batch: 10D2828 Sequence: T002584 Calibration: R10B022 Instrument: HP5890-12

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg)	Q		
12674-11-2	Aroclor 1016 [2C]	1	20	U 5		
11104-28-2	Aroclor 1221 [2C]	1	20	U		
11141-16-5	Aroclor 1232 [2C]	1	20	U		
53469-21-9	Aroclor 1242 [2C]	1	20	U		
12672-29-6	Aroclor 1248 [2C]	1	20	U		
11097-69-1	Aroclor 1254 [2C]	1	20	U		
11096-82-5	Aroclor 1260 [2C]	1	20	U 5		
SYSTEM MONITORING COMPOUND		ADDED (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
Decachlorobiphenyl [2C]		7.92	6.56	83	34 - 148	
Tetrachloro-m-xylene [2C]		7.92	5.50	69	35 - 134	

* Values outside of QC limits

Handwritten signature and date: 8/19/10

Form 1
ORGANIC ANALYSIS DATA SHEET

8082

GPO-3 10-12

Laboratory: TestAmerica Buffalo SDG:
 Client: New York State D.E.C. - Buffalo, NY Project: NYSDEC-Commerce Square: Spill# E932141
 Matrix: Solid Laboratory ID: RTD1785-02 File ID: 12B86210
 Sampled: 04/20/10 15:50 Prepared: 04/30/10 08:00 Analyzed: 05/02/10 18:58
 Solids: 89.28 Preparation: 3550B GC Initial/Final: 30.54 g / 10 mL
 Batch: 10D2828 Sequence: T002584 Calibration: R10B022 Instrument: HP5890-12

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg)	Q		
12674-11-2	Aroclor 1016 [2C]	1	18	U ^S		
11104-28-2	Aroclor 1221 [2C]	1	18	U		
11141-16-5	Aroclor 1232 [2C]	1	18	U		
53469-21-9	Aroclor 1242 [2C]	1	18	U		
12672-29-6	Aroclor 1248 [2C]	1	18	U		
11097-69-1	Aroclor 1254 [2C]	1	18	U		
11096-82-5	Aroclor 1260 [2C]	1	18	U ^S		
SYSTEM MONITORING COMPOUND		ADDED (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
Decachlorobiphenyl [2C]		7.34	5.78	79	34 - 148	
Tetrachloro-m-xylene [2C]		7.34	6.58	90	35 - 134	

* Values outside of QC limits

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Form 1
INORGANIC ANALYSIS DATA SHEET
6010B

B3-16

Laboratory: TestAmerica Buffalo

SDG:

Client: New York State D.E.C. - Buffalo, NY

Project: NYSDEC-Commerce Square: Spill# E932141

Matrix: Solid

Laboratory ID: RTB1089-01

File ID: A030210-108

Sampled: 02/26/10 00:00

Prepared: 03/02/10 10:35

Analyzed: 03/02/10 18:49

Solids: 83.30

Preparation: 3050B

Initial/Final: 0.5362 g / 50 mL

Batch: 10C0004

Sequence: T000739

Calibration: R10C007

Instrument: Trace 2

CAS NO.	Analyte	Concentration	Units	Dilution Factor	Q	Method
7429-90-5	Aluminum	3350	mg/kg	1	J	6010B
7440-36-0	Antimony	16.8	mg/kg	1	U J	6010B
7440-38-2	Arsenic	2.2	mg/kg	1	U ↓	6010B
7440-39-3	Barium	18.4	mg/kg	1	J	6010B
7440-41-7	Beryllium	0.224	mg/kg	1	U J	6010B
7440-43-9	Cadmium	0.224	mg/kg	1	U ↓	6010B
7440-70-2	Calcium	25300	mg/kg	1	J	6010B
7440-47-3	Chromium	4.21	mg/kg	1		6010B
7440-48-4	Cobalt	3.20	mg/kg	1		6010B
7440-50-8	Copper	10.7	mg/kg	1		6010B
7439-89-6	Iron	6820	mg/kg	1		6010B
7439-92-1	Lead	3.8	mg/kg	1		6010B
7439-95-4	Magnesium	5040	mg/kg	1		6010B
7439-96-5	Manganese	317	mg/kg	1		6010B
7440-02-0	Nickel	6.60	mg/kg	1		6010B
7440-09-7	Potassium	841	mg/kg	1		6010B
7782-49-2	Selenium	4.5	mg/kg	1	U J	6010B
7440-22-4	Silver	0.560	mg/kg	1	U ↓	6010B
7440-23-5	Sodium	157	mg/kg	1	U ↓	6010B
7440-28-0	Thallium	6.7	mg/kg	1	U ↓	6010B
7440-62-2	Vanadium	7.31	mg/kg	1	J	6010B
7440-66-6	Zinc	20.8	mg/kg	1	J	6010B

Handwritten signature and date: 8/11/10

Form 1
INORGANIC ANALYSIS DATA SHEET
7471A

B3-16

Laboratory: TestAmerica Buffalo

SDG:

Client: New York State D.E.C. - Buffalo, NY

Project: NYSDEC-Commerce Square: Spill# E932141

Matrix: Solid

Laboratory ID: RTB1089-01

File ID: J03050S1-6

Sampled: 02/26/10 00:00

Prepared: 03/05/10 09:55

Analyzed: 03/05/10 11:05

Solids: 83.30

Preparation: 7471A

Initial/Final: 0.5672 g / 50 mL

Batch: 10C0332

Sequence: T002643

Calibration: R10F080

Instrument: Leeman 3

CAS NO.	Analyte	Concentration	Units	Dilution Factor	Q	Method
7439-97-6	Mercury	0.0254	mg/kg	1	U 	7471A


8/9/10

Form 1
INORGANIC ANALYSIS DATA SHEET
6010B

B3-18

Laboratory: TestAmerica Buffalo

SDG:

Client: New York State D.E.C. - Buffalo, NY

Project: NYSDEC-Commerce Square: Spill# E932141

Matrix: Solid

Laboratory ID: RTB1089-02

File ID: A030210-113

Sampled: 02/26/10 00:00

Prepared: 03/02/10 10:35

Analyzed: 03/02/10 19:14

Solids: 82.93

Preparation: 3050B

Initial/Final: 0.5175 g / 50 mL

Batch: 10C0004

Sequence: T000739

Calibration: R10C007

Instrument: Trace 2

CAS NO.	Analyte	Concentration	Units	Dilution Factor	Q	Method
7429-90-5	Aluminum	14100	mg/kg	1	J	6010B
7440-36-0	Antimony	17.5	mg/kg	1	U-J	6010B
7440-38-2	Arsenic	7.7	mg/kg	1	J	6010B
7440-39-3	Barium	122	mg/kg	1		6010B
7440-41-7	Beryllium	0.722	mg/kg	1		6010B
7440-43-9	Cadmium	0.354	mg/kg	1		6010B
7440-70-2	Calcium	47900	mg/kg	1		6010B
7440-47-3	Chromium	19.4	mg/kg	1		6010B
7440-48-4	Cobalt	10.4	mg/kg	1		6010B
7440-50-8	Copper	14.8	mg/kg	1		6010B
7439-89-6	Iron	22500	mg/kg	1		6010B
7439-92-1	Lead	5.5	mg/kg	1		6010B
7439-95-4	Magnesium	10900	mg/kg	1		6010B
7439-96-5	Manganese	510	mg/kg	1		6010B
7440-02-0	Nickel	24.4	mg/kg	1		6010B
7440-09-7	Potassium	2640	mg/kg	1		6010B
7782-49-2	Selenium	4.7	mg/kg	1	U-J	6010B
7440-22-4	Silver	0.583	mg/kg	1	U ↓	6010B
7440-23-5	Sodium	239	mg/kg	1	J	6010B
7440-28-0	Thallium	7.0	mg/kg	1	U-J	6010B
7440-62-2	Vanadium	27.4	mg/kg	1	J	6010B
7440-66-6	Zinc	60.4	mg/kg	1	↓	6010B

550/806

Handwritten: 8/19/10

Form 1
INORGANIC ANALYSIS DATA SHEET
7471A

B3-18

Laboratory: TestAmerica Buffalo

SDG:

Client: New York State D.E.C. - Buffalo, NY

Project: NYSDEC-Commerce Square: Spill# E932141

Matrix: Solid

Laboratory ID: RTB1089-02

File ID: J03050S1-10

Sampled: 02/26/10 00:00

Prepared: 03/05/10 09:55

Analyzed: 03/05/10 11:12

Solids: 82.93

Preparation: 7471A

Initial/Final: 0.6244 g / 50 mL

Batch: 10C0332

Sequence:

T002643

Calibration: R10F080

Instrument: Leeman 3

CAS NO.	Analyte	Concentration	Units	Dilution Factor	Q	Method
7439-97-6	Mercury	0.0232	mg/kg	1	U-5	7471A

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OK
8/9/10

Form 1
INORGANIC ANALYSIS DATA SHEET
6010B

BR-1

Laboratory: TestAmerica Buffalo

SDG:

Client: New York State D.E.C. - Buffalo, NY

Project: NYSDEC-Commerce Square: Spill# E932141

Matrix: Water

Laboratory ID: RTE1137-01

File ID: A052410-187

Sampled: 05/21/10 11:40

Prepared: 05/24/10 16:30

Analyzed: 05/25/10 06:17

Solids: 0.00

Preparation: 3005A

Initial/Final: 50 mL / 50 mL

Batch: 10E1866

Sequence: T002626

Calibration: R10F074

Instrument: Trace 2

CAS NO.	Analyte	Concentration	Units	Dilution Factor	Q	Method
7429-90-5	Aluminum	0.645	mg/L	1		6010B
7440-36-0	Antimony	0.0200	mg/L	1	U	6010B
7440-38-2	Arsenic	0.0100	mg/L	1	U	6010B
7440-39-3	Barium	2.44	mg/L	1		6010B
7440-41-7	Beryllium	0.0020	mg/L	1	U	6010B
7440-43-9	Cadmium	0.0010	mg/L	1	U	6010B
7440-70-2	Calcium	445	mg/L	1		6010B
7440-47-3	Chromium	0.0040	mg/L	1	U	6010B
7440-48-4	Cobalt	0.0040	mg/L	1	U	6010B
7440-50-8	Copper	0.0100	mg/L	1	U	6010B
7439-89-6	Iron	0.878	mg/L	1		6010B
7439-92-1	Lead	0.0050	mg/L	1	U	6010B
7439-95-4	Magnesium	20.5	mg/L	1		6010B
7439-96-5	Manganese	0.0412	mg/L	1		6010B
7440-02-0	Nickel	0.0100	mg/L	1	U	6010B
7440-09-7	Potassium	31.6	mg/L	1		6010B
7782-49-2	Selenium	0.0150	mg/L	1	U	6010B
7440-22-4	Silver	0.0030	mg/L	1	U	6010B
7440-23-5	Sodium	84.0	mg/L	1		6010B
7440-28-0	Thallium	0.0200	mg/L	1	U	6010B
7440-62-2	Vanadium	0.0050	mg/L	1	U	6010B
7440-66-6	Zinc	0.0103	mg/L	1		6010B

Form 1
INORGANIC ANALYSIS DATA SHEET
7470A

BR-1

Laboratory: TestAmerica Buffalo

SDG:

Client: New York State D.E.C. - Buffalo, NY

Project: NYSDEC-Commerce Square: Spill# E932141

Matrix: Water

Laboratory ID: RTE1137-01

File ID: H05260W1-50

Sampled: 05/21/10 11:40

Prepared: 05/25/10 19:00

Analyzed: 05/26/10 13:51

Solids: 0.00

Preparation: 7470A

Initial/Final: 30 mL / 50 mL

Batch: 10E2007

Sequence: T002579

Calibration: R10F064

Instrument: Leeman 2

CAS NO.	Analyte	Concentration	Units	Dilution Factor	Q	Method
7439-97-6	Mercury	0.0002	mg/L	1	U	7470A

Form 1
INORGANIC ANALYSIS DATA SHEET
6010B

BR-2

Laboratory: TestAmerica Buffalo

SDG:

Client: New York State D.E.C. - Buffalo, NY

Project: NYSDEC-Commerce Square: Spill# E932141

Matrix: Water

Laboratory ID: RTE1137-02

File ID: A052410-188

Sampled: 05/21/10 12:30

Prepared: 05/24/10 16:30

Analyzed: 05/25/10 06:22

Solids: 0.00

Preparation: 3005A

Initial/Final: 50 mL / 50 mL

Batch: 10E1866

Sequence: T002626

Calibration: R10F074

Instrument: Trace 2

CAS NO.	Analyte	Concentration	Units	Dilution Factor	Q	Method
7429-90-5	Aluminum	2.24	mg/L	1		6010B
7440-36-0	Antimony	0.0200	mg/L	1	U	6010B
7440-38-2	Arsenic	0.0100	mg/L	1	U	6010B
7440-39-3	Barium	0.0490	mg/L	1		6010B
7440-41-7	Beryllium	0.0020	mg/L	1	U	6010B
7440-43-9	Cadmium	0.0010	mg/L	1	U	6010B
7440-70-2	Calcium	71.4	mg/L	1		6010B
7440-47-3	Chromium	0.0051	mg/L	1		6010B
7440-48-4	Cobalt	0.0040	mg/L	1	U	6010B
7440-50-8	Copper	0.0135	mg/L	1		6010B
7439-89-6	Iron	6.26	mg/L	1		6010B
7439-92-1	Lead	0.0050	mg/L	1	U	6010B
7439-95-4	Magnesium	3.41	mg/L	1		6010B
7439-96-5	Manganese	0.0852	mg/L	1		6010B
7440-02-0	Nickel	0.0100	mg/L	1	U	6010B
7440-09-7	Potassium	8.02	mg/L	1		6010B
7782-49-2	Selenium	0.0150	mg/L	1	U	6010B
7440-22-4	Silver	0.0030	mg/L	1	U	6010B
7440-23-5	Sodium	38.8	mg/L	1		6010B
7440-28-0	Thallium	0.0200	mg/L	1	U	6010B
7440-62-2	Vanadium	0.0083	mg/L	1		6010B
7440-66-6	Zinc	0.0218	mg/L	1		6010B

Form 1
INORGANIC ANALYSIS DATA SHEET
7470A

BR-2

Laboratory: TestAmerica Buffalo

SDG:

Client: New York State D.E.C. - Buffalo, NY

Project: NYSDEC-Commerce Square: Spill# E932141

Matrix: Water

Laboratory ID: RTE1137-02

File ID: H05260W1-51

Sampled: 05/21/10 12:30

Prepared: 05/25/10 19:00

Analyzed: 05/26/10 13:53

Solids: 0.00

Preparation: 7470A

Initial/Final: 30 mL / 50 mL

Batch: 10E2007

Sequence: T002579

Calibration: R10F064

Instrument: Leeman 2

CAS NO.	Analyte	Concentration	Units	Dilution Factor	Q	Method
7439-97-6	Mercury	0.0002	mg/L	1	U	7470A

Form 1
INORGANIC ANALYSIS DATA SHEET
6010B

BR-3

Laboratory: TestAmerica Buffalo

SDG:

Client: New York State D.E.C. - Buffalo, NY

Project: NYSDEC-Commerce Square: Spill# E932141

Matrix: Water

Laboratory ID: RTE1137-03

File ID: A052410-189

Sampled: 05/21/10 13:30

Prepared: 05/24/10 16:30

Analyzed: 05/25/10 06:26

Solids: 0.00

Preparation: 3005A

Initial/Final: 50 mL / 50 mL

Batch: 10E1866

Sequence: T002626

Calibration: R10F074

Instrument: Trace 2

CAS NO.	Analyte	Concentration	Units	Dilution Factor	Q	Method
7429-90-5	Aluminum	2.69	mg/L	1		6010B
7440-36-0	Antimony	0.0200	mg/L	1	U	6010B
7440-38-2	Arsenic	0.0109	mg/L	1		6010B
7440-39-3	Barium	0.125	mg/L	1		6010B
7440-41-7	Beryllium	0.0020	mg/L	1	U	6010B
7440-43-9	Cadmium	0.0010	mg/L	1	U	6010B
7440-70-2	Calcium	216	mg/L	1		6010B
7440-47-3	Chromium	0.0135	mg/L	1		6010B
7440-48-4	Cobalt	0.0040	mg/L	1	U	6010B
7440-50-8	Copper	0.0100	mg/L	1	U	6010B
7439-89-6	Iron	3.49	mg/L	1		6010B
7439-92-1	Lead	0.0053	mg/L	1		6010B
7439-95-4	Magnesium	49.2	mg/L	1		6010B
7439-96-5	Manganese	0.166	mg/L	1		6010B
7440-02-0	Nickel	0.0100	mg/L	1	U	6010B
7440-09-7	Potassium	7.52	mg/L	1		6010B
7782-49-2	Selenium	0.0150	mg/L	1	U	6010B
7440-22-4	Silver	0.0030	mg/L	1	U	6010B
7440-23-5	Sodium	127	mg/L	1		6010B
7440-28-0	Thallium	0.0200	mg/L	1	U	6010B
7440-62-2	Vanadium	0.0076	mg/L	1		6010B
7440-66-6	Zinc	0.0191	mg/L	1		6010B

Form 1
INORGANIC ANALYSIS DATA SHEET
7470A

BR-3

Laboratory: TestAmerica Buffalo

SDG:

Client: New York State D.E.C. - Buffalo, NY

Project: NYSDEC-Commerce Square: Spill# E932141

Matrix: Water

Laboratory ID: RTE1137-03

File ID: H05260W1-52

Sampled: 05/21/10 13:30

Prepared: 05/25/10 19:00

Analyzed: 05/26/10 13:55

Solids: 0.00

Preparation: 7470A

Initial/Final: 30 mL / 50 mL

Batch: 10E2007

Sequence: T002579

Calibration: R10F064

Instrument: Leeman 2

CAS NO.	Analyte	Concentration	Units	Dilution Factor	Q	Method
7439-97-6	Mercury	0.0002	mg/L	1	U	7470A

Form 1
INORGANIC ANALYSIS DATA SHEET
6010B

BR-4

Laboratory: TestAmerica Buffalo

SDG:

Client: New York State D.E.C. - Buffalo, NY

Project: NYSDEC-Commerce Square: Spill# E932141

Matrix: Water

Laboratory ID: RTE1137-04

File ID: A052410-190

Sampled: 05/21/10 14:20

Prepared: 05/24/10 16:30

Analyzed: 05/25/10 06:31

Solids: 0.00

Preparation: 3005A

Initial/Final: 50 mL / 50 mL

Batch: 10E1866

Sequence: T002626

Calibration: R10F074

Instrument: Trace 2

CAS NO.	Analyte	Concentration	Units	Dilution Factor	Q	Method
7429-90-5	Aluminum	13.6	mg/L	1		6010B
7440-36-0	Antimony	0.0200	mg/L	1	U	6010B
7440-38-2	Arsenic	0.0125	mg/L	1		6010B
7440-39-3	Barium	0.165	mg/L	1		6010B
7440-41-7	Beryllium	0.0020	mg/L	1	U	6010B
7440-43-9	Cadmium	0.0010	mg/L	1	U	6010B
7440-70-2	Calcium	559	mg/L	1		6010B
7440-47-3	Chromium	0.0160	mg/L	1		6010B
7440-48-4	Cobalt	0.0046	mg/L	1		6010B
7440-50-8	Copper	0.0282	mg/L	1		6010B
7439-89-6	Iron	20.3	mg/L	1		6010B
7439-92-1	Lead	0.0250	mg/L	1		6010B
7439-95-4	Magnesium	93.1	mg/L	1		6010B
7439-96-5	Manganese	0.598	mg/L	1		6010B
7440-02-0	Nickel	0.0232	mg/L	1		6010B
7440-09-7	Potassium	8.94	mg/L	1		6010B
7782-49-2	Selenium	0.0150	mg/L	1	U	6010B
7440-22-4	Silver	0.0030	mg/L	1	U	6010B
7440-23-5	Sodium	220	mg/L	1		6010B
7440-28-0	Thallium	0.0200	mg/L	1	U	6010B
7440-62-2	Vanadium	0.0290	mg/L	1		6010B
7440-66-6	Zinc	0.411	mg/L	1		6010B

Form 1
INORGANIC ANALYSIS DATA SHEET
7470A

BR-4

Laboratory: TestAmerica Buffalo

SDG:

Client: New York State D.E.C. - Buffalo, NY

Project: NYSDEC-Commerce Square: Spill# E932141

Matrix: Water

Laboratory ID: RTE1137-04

File ID: H05260W1-55

Sampled: 05/21/10 14:20

Prepared: 05/25/10 19:00

Analyzed: 05/26/10 14:00

Solids: 0.00

Preparation: 7470A

Initial/Final: 30 mL / 50 mL

Batch: 10E2007

Sequence: T002579

Calibration: R10F064

Instrument: Leeman 2

CAS NO.	Analyte	Concentration	Units	Dilution Factor	Q	Method
7439-97-6	Mercury	0.0002	mg/L	1	U	7470A

Form 1
INORGANIC ANALYSIS DATA SHEET
6010B

WATER DRUMS 1

Laboratory: TestAmerica Buffalo

SDG:

Client: New York State D.E.C. - Buffalo, NY

Project: NYSDEC-Commerce Square: Spill# E932141

Matrix: Water

Laboratory ID: RTE1137-05

File ID: A052410-191

Sampled: 05/21/10 14:50

Prepared: 05/24/10 16:30

Analyzed: 05/25/10 06:36

Solids: 0.00

Preparation: 3005A

Initial/Final: 50 mL / 50 mL

Batch: 10E1866

Sequence: T002626

Calibration: R10F074

Instrument: Trace 2

CAS NO.	Analyte	Concentration	Units	Dilution Factor	Q	Method
7429-90-5	Aluminum	6.29	mg/L	1		6010B
7440-36-0	Antimony	0.0200	mg/L	1	U	6010B
7440-38-2	Arsenic	0.0100	mg/L	1	U	6010B
7440-39-3	Barium	0.252	mg/L	1		6010B
7440-41-7	Beryllium	0.0020	mg/L	1	U	6010B
7440-43-9	Cadmium	0.0010	mg/L	1	U	6010B
7440-70-2	Calcium	375	mg/L	1		6010B
7440-47-3	Chromium	0.0199	mg/L	1		6010B
7440-48-4	Cobalt	0.0040	mg/L	1	U	6010B
7440-50-8	Copper	0.0101	mg/L	1		6010B
7439-89-6	Iron	5.31	mg/L	1		6010B
7439-92-1	Lead	0.0116	mg/L	1		6010B
7439-95-4	Magnesium	21.2	mg/L	1		6010B
7439-96-5	Manganese	0.325	mg/L	1		6010B
7440-02-0	Nickel	0.0100	mg/L	1	U	6010B
7440-09-7	Potassium	10.9	mg/L	1		6010B
7782-49-2	Selenium	0.0150	mg/L	1	U	6010B
7440-22-4	Silver	0.0030	mg/L	1	U	6010B
7440-23-5	Sodium	38.9	mg/L	1		6010B
7440-28-0	Thallium	0.0200	mg/L	1	U	6010B
7440-62-2	Vanadium	0.0172	mg/L	1		6010B
7440-66-6	Zinc	0.206	mg/L	1		6010B

Form 1
INORGANIC ANALYSIS DATA SHEET
7470A

WATER DRUMS 1

Laboratory: TestAmerica Buffalo

SDG:

Client: New York State D.E.C. - Buffalo, NY

Project: NYSDEC-Commerce Square: Spill# E932141

Matrix: Water

Laboratory ID: RTE1137-05

File ID: H05260W1-56

Sampled: 05/21/10 14:50

Prepared: 05/25/10 19:00

Analyzed: 05/26/10 14:03

Solids: 0.00

Preparation: 7470A

Initial/Final: 30 mL / 50 mL

Batch: 10E2007

Sequence: T002579

Calibration: R10F064

Instrument: Leeman 2

CAS NO.	Analyte	Concentration	Units	Dilution Factor	Q	Method
7439-97-6	Mercury	0.0002	mg/L	1	U	7470A

Form 1
INORGANIC ANALYSIS DATA SHEET
6010B

WATER DRUMS 2

Laboratory: TestAmerica Buffalo

SDG:

Client: New York State D.E.C. - Buffalo, NY

Project: NYSDEC-Commerce Square: Spill# E932141

Matrix: Water

Laboratory ID: RTE1137-06

File ID: A052410-194

Sampled: 05/21/10 14:55

Prepared: 05/24/10 16:30

Analyzed: 05/25/10 06:54

Solids: 0.00

Preparation: 3005A

Initial/Final: 50 mL / 50 mL

Batch: 10E1866

Sequence:

T002626

Calibration: R10F074

Instrument: Trace 2

CAS NO.	Analyte	Concentration	Units	Dilution Factor	Q	Method
7429-90-5	Aluminum	25.1	mg/L	1		6010B
7440-36-0	Antimony	0.0200	mg/L	1	U	6010B
7440-38-2	Arsenic	0.0139	mg/L	1		6010B
7440-39-3	Barium	1.60	mg/L	1		6010B
7440-41-7	Beryllium	0.0021	mg/L	1		6010B
7440-43-9	Cadmium	0.0010	mg/L	1	U	6010B
7440-47-3	Chromium	0.0619	mg/L	1		6010B
7440-48-4	Cobalt	0.0080	mg/L	1		6010B
7440-50-8	Copper	0.0306	mg/L	1		6010B
7439-89-6	Iron	20.5	mg/L	1		6010B
7439-92-1	Lead	0.0437	mg/L	1		6010B
7439-95-4	Magnesium	76.9	mg/L	1		6010B
7439-96-5	Manganese	1.23	mg/L	1		6010B
7440-02-0	Nickel	0.0274	mg/L	1		6010B
7440-09-7	Potassium	119	mg/L	1		6010B
7782-49-2	Selenium	0.0150	mg/L	1	U	6010B
7440-22-4	Silver	0.0030	mg/L	1	U	6010B
7440-23-5	Sodium	77.2	mg/L	1		6010B
7440-28-0	Thallium	0.0200	mg/L	1	U	6010B
7440-62-2	Vanadium	0.0561	mg/L	1		6010B
7440-66-6	Zinc	0.203	mg/L	1		6010B

Form 1
INORGANIC ANALYSIS DATA SHEET
6010B

WATER DRUMS 2

Laboratory: TestAmerica Buffalo

SDG:

Client: New York State D.E.C. - Buffalo, NY

Project: NYSDEC-Commerce Square: Spill# E932141

Matrix: Water

Laboratory ID: RTE1137-06

File ID: A052510-019

Sampled: 05/21/10 14:55

Prepared: 05/24/10 16:30

Analyzed: 05/25/10 11:50

Solids: 0.00

Preparation: 3005A

Initial/Final: 50 mL / 50 mL

Batch: 10E1866

Sequence: T002287

Calibration: R10E138

Instrument: Trace 2

CAS NO.	Analyte	Concentration	Units	Dilution Factor	Q	Method
7440-70-2	Calcium	1600	mg/L	10	D	6010B

Form 1
INORGANIC ANALYSIS DATA SHEET
7470A

WATER DRUMS 2

Laboratory: TestAmerica Buffalo

SDG:

Client: New York State D.E.C. - Buffalo, NY

Project: NYSDEC-Commerce Square: Spill# E932141

Matrix: Water

Laboratory ID: RTE1137-06

File ID: H05260W1-57

Sampled: 05/21/10 14:55

Prepared: 05/25/10 19:00

Analyzed: 05/26/10 14:04

Solids: 0.00

Preparation: 7470A

Initial/Final: 30 mL / 50 mL

Batch: 10E2007

Sequence:

T002579

Calibration: R10F064

Instrument: Leeman 2

CAS NO.	Analyte	Concentration	Units	Dilution Factor	Q	Method
7439-97-6	Mercury	0.0002	mg/L	1	U	7470A

Form 1
INORGANIC ANALYSIS DATA SHEET
6010B

WATER DRUMS 3

Laboratory: TestAmerica Buffalo

SDG:

Client: New York State D.E.C. - Buffalo, NY

Project: NYSDEC-Commerce Square: Spill# E932141

Matrix: Water

Laboratory ID: RTE1137-07

File ID: A052410-195

Sampled: 05/21/10 15:00

Prepared: 05/24/10 16:30

Analyzed: 05/25/10 06:59

Solids: 0.00

Preparation: 3005A

Initial/Final: 50 mL / 50 mL

Batch: 10E1866

Sequence:

T002626

Calibration: R10F074

Instrument: Trace 2

CAS NO.	Analyte	Concentration	Units	Dilution Factor	Q	Method
7429-90-5	Aluminum	0.340	mg/L	1		6010B
7440-36-0	Antimony	0.0200	mg/L	1	U	6010B
7440-38-2	Arsenic	0.0100	mg/L	1	U	6010B
7440-39-3	Barium	0.0978	mg/L	1		6010B
7440-41-7	Beryllium	0.0020	mg/L	1	U	6010B
7440-43-9	Cadmium	0.0010	mg/L	1	U	6010B
7440-70-2	Calcium	143	mg/L	1		6010B
7440-47-3	Chromium	0.0040	mg/L	1	U	6010B
7440-48-4	Cobalt	0.0040	mg/L	1	U	6010B
7440-50-8	Copper	0.0100	mg/L	1	U	6010B
7439-89-6	Iron	1.66	mg/L	1		6010B
7439-92-1	Lead	0.0050	mg/L	1	U	6010B
7439-95-4	Magnesium	55.0	mg/L	1		6010B
7439-96-5	Manganese	0.117	mg/L	1		6010B
7440-02-0	Nickel	0.0100	mg/L	1	U	6010B
7440-09-7	Potassium	3.95	mg/L	1		6010B
7782-49-2	Selenium	0.0150	mg/L	1	U	6010B
7440-22-4	Silver	0.0030	mg/L	1	U	6010B
7440-23-5	Sodium	152	mg/L	1		6010B
7440-28-0	Thallium	0.0200	mg/L	1	U	6010B
7440-62-2	Vanadium	0.0050	mg/L	1	U	6010B
7440-66-6	Zinc	0.0209	mg/L	1		6010B

Form 1
INORGANIC ANALYSIS DATA SHEET
7470A

WATER DRUMS 3

Laboratory: TestAmerica Buffalo

SDG:

Client: New York State D.E.C. - Buffalo, NY

Project: NYSDEC-Commerce Square: Spill# E932141

Matrix: Water

Laboratory ID: RTE1137-07

File ID: H05260W1-58

Sampled: 05/21/10 15:00

Prepared: 05/25/10 19:00

Analyzed: 05/26/10 14:06

Solids: 0.00

Preparation: 7470A

Initial/Final: 30 mL / 50 mL

Batch: 10E2007

Sequence:

T002579

Calibration: R10F064

Instrument: Leeman 2

CAS NO.	Analyte	Concentration	Units	Dilution Factor	Q	Method
7439-97-6	Mercury	0.0002	mg/L	1	U	7470A

Form 1
INORGANIC ANALYSIS DATA SHEET
6010B

WATER DRUMS 4

Laboratory: TestAmerica Buffalo

SDG:

Client: New York State D.E.C. - Buffalo, NY

Project: NYSDEC-Commerce Square: Spill# E932141

Matrix: Water

Laboratory ID: RTE1137-08

File ID: A052410-196

Sampled: 05/21/10 15:05

Prepared: 05/24/10 16:30

Analyzed: 05/25/10 07:04

Solids: 0.00

Preparation: 3005A

Initial/Final: 50 mL / 50 mL

Batch: 10E1866

Sequence:

T002626

Calibration: R10F074

Instrument: Trace 2

CAS NO.	Analyte	Concentration	Units	Dilution Factor	Q	Method
7429-90-5	Aluminum	23.6	mg/L	1		6010B
7440-36-0	Antimony	0.0200	mg/L	1	U	6010B
7440-38-2	Arsenic	0.0100	mg/L	1	U	6010B
7440-39-3	Barium	2.28	mg/L	1		6010B
7440-41-7	Beryllium	0.0020	mg/L	1	U	6010B
7440-43-9	Cadmium	0.0010	mg/L	1	U	6010B
7440-47-3	Chromium	0.101	mg/L	1		6010B
7440-48-4	Cobalt	0.0072	mg/L	1		6010B
7440-50-8	Copper	0.0882	mg/L	1		6010B
7439-89-6	Iron	19.1	mg/L	1		6010B
7439-92-1	Lead	0.0467	mg/L	1		6010B
7439-95-4	Magnesium	37.5	mg/L	1		6010B
7439-96-5	Manganese	0.752	mg/L	1		6010B
7440-02-0	Nickel	0.0260	mg/L	1		6010B
7440-09-7	Potassium	208	mg/L	1		6010B
7782-49-2	Selenium	0.0150	mg/L	1	U	6010B
7440-22-4	Silver	0.0030	mg/L	1	U	6010B
7440-23-5	Sodium	102	mg/L	1		6010B
7440-28-0	Thallium	0.0200	mg/L	1	U	6010B
7440-62-2	Vanadium	0.0442	mg/L	1		6010B
7440-66-6	Zinc	0.171	mg/L	1		6010B

WATER DRUMS 4

SDG:

Project: NYSDEC-Commerce Square: Spill# E932141

Laboratory ID: RTE1137-08

File ID: A052510-020

Prepared: 05/24/10 16:30

Analyzed: 05/25/10 11:55

Preparation: 3005A

Initial/Final: 50 mL / 50 mL

Sequence:

T002287

Calibration: R10E138

Instrument: Trace 2

Form 1
INORGANIC ANALYSIS DATA SHEET
7470A

WATER DRUMS 4

Laboratory: TestAmerica Buffalo

SDG:

Client: New York State D.E.C. - Buffalo, NY

Project: NYSDEC-Commerce Square: Spill# E932141

Matrix: Water

Laboratory ID: RTE1137-08

File ID: H05260W1-59

Sampled: 05/21/10 15:05

Prepared: 05/25/10 19:00

Analyzed: 05/26/10 14:08

Solids: 0.00

Preparation: 7470A

Initial/Final: 30 mL / 50 mL

Batch: 10E2007

Sequence: T002579

Calibration: R10F064

Instrument: Leeman 2

CAS NO.	Analyte	Concentration	Units	Dilution Factor	Q	Method
7439-97-6	Mercury	0.0002	mg/L	1	U	7470A

Form 1
INORGANIC ANALYSIS DATA SHEET
6010B

GPO-3 6-8

Laboratory: TestAmerica Buffalo

SDG:

Client: New York State D.E.C. - Buffalo, NY

Project: NYSDEC-Commerce Square: Spill# E932141

Matrix: Solid

Laboratory ID: RTD1785-01

File ID: A042710-084

Sampled: 04/20/10 15:20

Prepared: 04/27/10 09:50

Analyzed: 04/27/10 16:33

Solids: 82.53

Preparation: 3050B

Initial/Final: 0.5031 g / 50 mL

Batch: 10D2529

Sequence: T001776

Calibration: R10D217

Instrument: Trace 2

CAS NO.	Analyte	Concentration	Units	Dilution Factor	Q	Method
7429-90-5	Aluminum	11600	mg/kg	1		6010B
7440-36-0	Antimony	18.1	mg/kg	1	U	6010B
7440-38-2	Arsenic	5.1	mg/kg	1		6010B
7440-39-3	Barium	90.3	mg/kg	1		6010B
7440-41-7	Beryllium	0.576	mg/kg	1		6010B
7440-43-9	Cadmium	0.241	mg/kg	1	U	6010B
7440-70-2	Calcium	39300	mg/kg	1		6010B
7440-47-3	Chromium	15.7	mg/kg	1		6010B
7440-48-4	Cobalt	15.3	mg/kg	1		6010B
7440-50-8	Copper	13.9	mg/kg	1		6010B
7439-89-6	Iron	19400	mg/kg	1		6010B
7439-92-1	Lead	4.7	mg/kg	1		6010B
7439-95-4	Magnesium	8760	mg/kg	1		6010B
7439-96-5	Manganese	750	mg/kg	1		6010B
7440-02-0	Nickel	26.7	mg/kg	1		6010B
7440-09-7	Potassium	1970	mg/kg	1		6010B
7782-49-2	Selenium	4.8	mg/kg	1	U	6010B
7440-22-4	Silver	0.602	mg/kg	1	U	6010B
7440-23-5	Sodium	318	mg/kg	1		6010B
7440-28-0	Thallium	7.2	mg/kg	1	U	6010B
7440-62-2	Vanadium	21.8	mg/kg	1		6010B
7440-66-6	Zinc	47.0	mg/kg	1		6010B

Form 1
INORGANIC ANALYSIS DATA SHEET
7471A

GPO-3 6-8

Laboratory: TestAmerica Buffalo

SDG:

Client: New York State D.E.C. - Buffalo, NY

Project: NYSDEC-Commerce Square: Spill# E932141

Matrix: Solid

Laboratory ID: RTD1785-01

File ID: H04280S1-18

Sampled: 04/20/10 15:20

Prepared: 04/28/10 13:45

Analyzed: 04/28/10 18:33

Solids: 82.53

Preparation: 7471A

Initial/Final: 0.6151 g / 50 mL

Batch: 10D2457

Sequence: T001767

Calibration: R10D211

Instrument: Leeman 2

CAS NO.	Analyte	Concentration	Units	Dilution Factor	Q	Method
7439-97-6	Mercury	0.0236	mg/kg	1	U	7471A

Form 1
INORGANIC ANALYSIS DATA SHEET
6010B

GPO-3 10-12

Laboratory: TestAmerica Buffalo

SDG:

Client: New York State D.E.C. - Buffalo, NY

Project: NYSDEC-Commerce Square: Spill# E932141

Matrix: Solid

Laboratory ID: RTD1785-02

File ID: A042710-085

Sampled: 04/20/10 15:50

Prepared: 04/27/10 09:50

Analyzed: 04/27/10 16:38

Solids: 89.28

Preparation: 3050B

Initial/Final: 0.5165 g / 50 mL

Batch: 10D2529

Sequence: T001776

Calibration: R10D217

Instrument: Trace 2

CAS NO.	Analyte	Concentration	Units	Dilution Factor	Q	Method
7429-90-5	Aluminum	5330	mg/kg	1		6010B
7440-36-0	Antimony	16.3	mg/kg	1	U	6010B
7440-38-2	Arsenic	2.2	mg/kg	1	U	6010B
7440-39-3	Barium	44.2	mg/kg	1		6010B
7440-41-7	Beryllium	0.260	mg/kg	1		6010B
7440-43-9	Cadmium	0.217	mg/kg	1	U	6010B
7440-70-2	Calcium	54200	mg/kg	1		6010B
7440-47-3	Chromium	8.10	mg/kg	1		6010B
7440-48-4	Cobalt	4.57	mg/kg	1		6010B
7440-50-8	Copper	9.8	mg/kg	1		6010B
7439-89-6	Iron	9870	mg/kg	1		6010B
7439-92-1	Lead	5.1	mg/kg	1		6010B
7439-95-4	Magnesium	10700	mg/kg	1		6010B
7439-96-5	Manganese	420	mg/kg	1		6010B
7440-02-0	Nickel	9.47	mg/kg	1		6010B
7440-09-7	Potassium	1100	mg/kg	1		6010B
7782-49-2	Selenium	4.3	mg/kg	1	U	6010B
7440-22-4	Silver	0.542	mg/kg	1	U	6010B
7440-23-5	Sodium	257	mg/kg	1		6010B
7440-28-0	Thallium	6.5	mg/kg	1	U	6010B
7440-62-2	Vanadium	11.9	mg/kg	1		6010B
7440-66-6	Zinc	32.6	mg/kg	1		6010B

Form 1
INORGANIC ANALYSIS DATA SHEET
7471A

GPO-3 10-12

Laboratory: TestAmerica Buffalo

SDG:

Client: New York State D.E.C. - Buffalo, NY

Project: NYSDEC-Commerce Square: Spill# E932141

Matrix: Solid

Laboratory ID: RTD1785-02

File ID: H04280S1-19

Sampled: 04/20/10 15:50

Prepared: 04/28/10 13:45

Analyzed: 04/28/10 18:34

Solids: 89.28

Preparation: 7471A

Initial/Final: 0.6006 g / 50 mL

Batch: 10D2457

Sequence: T001767

Calibration: R10D211

Instrument: Leeman 2

CAS NO.	Analyte	Concentration	Units	Dilution Factor	Q	Method
7439-97-6	Mercury	0.0365	mg/kg	1		7471A

Form 1
INORGANIC ANALYSIS DATA SHEET
6010B TCLP

DRUMS SOIL

Laboratory: TestAmerica Buffalo

SDG:

Client: New York State D.E.C. - Buffalo, NY

Project: NYSDEC-Commerce Square: Spill# E932141

Matrix: Solid

Laboratory ID: RTD1785-03

File ID: A042710-319

Sampled: 04/23/10 14:00

Prepared: 04/27/10 13:55

Analyzed: 04/27/10 22:54

Solids: 0.00

Preparation: 3010A

Initial/Final: 50 mL / 50 mL

Batch: 10D2564

Sequence:

T001780

Calibration: R10D221

Instrument: Trace 2

CAS NO.	Analyte	Concentration	Units	Dilution Factor	Q	Method
7439-92-1	Lead	0.0050	mg/L	1	U	6010B TCLP

Form 1
INORGANIC ANALYSIS DATA SHEET
1010

DRUMS SOIL

Laboratory: TestAmerica Buffalo

SDG:

Client: New York State D.E.C. - Buffalo, NY

Project: NYSDEC-Commerce Square: Spill# E932141

Matrix: Solid

Laboratory ID: RTD1785-03

File ID:

Sampled: 04/23/10 14:00

Prepared: 04/24/10 15:00

Analyzed: 04/24/10 15:00

Solids: 0.00

Preparation: No Prep Flashpoint

Initial/Final: 50 g / 50 mL

Batch: 10D2375

Sequence:

Calibration:

Instrument: Inst

CAS NO.	Analyte	Concentration	Units	Dilution Factor	Q	Method
STL00152	Flashpoint	176	°F	1		1010

ATTACHMENT B

SUPPORT DOCUMENTATION

Chain of Custody Record

Temperature on Receipt -

THE LEADER IN ENVIRONMENTAL TESTING

Drinking Water? Yes ☐ No ☐

TEL-4124 410071

History

OP-Tech

500 Commers

1000
Anker

Project Name and Location (State)

Commerce Square

Confederate Purchases of Arms and Ammunition

Sample I.D. No. and Description

Containers for each sample may be combined on one line.

B3-16

B3-18

19/806

Available for rent information

☐ **Not a copy**

Turn Around Time Requirement

— 34 —

604187

1. பெரிய

10

2. Redrafted by

3. Assignment

1000

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Samples; PINK - Field Copy

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTB1089

Project: Commerce Square: Site# E932141
Project Number: E932141

Received: 02/26/10

Reported: 03/10/10 13:59

CASE NARRATIVE

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. field-pH), they were not analyzed immediately, but as soon as possible after laboratory receipt.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverables has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.



Brian Fischer
Project Manager

Wednesday, March 10, 2010

A pertinent document is appended to this report, 1 page, is included and is an integral part of this report.

Reproduction of this analytical report is permitted only in its entirety. This report shall not be reproduced except in full without the written approval of the laboratory.

TestAmerica Laboratories, Inc. certifies that the analytical results contained herein apply only to the samples tested as received by our Laboratory.

Form 7
CONTINUING CALIBRATION CHECK
8260B

Laboratory: TestAmerica Buffalo
 Client: New York State D.E.C. - Buffalo, NY
 Instrument ID: HP5973F
 Lab File ID: F3142.D
 Sequence: T000675
 Lab Sample ID: T000675-CCV1

SDG:
 Project: NYSDEC-Commerce Square: Spill# E932141
 Calibration: R10B040
 Calibration Date: 02/09/10 18:59
 Injection Date: 02/26/10
 Injection Time: 20:07

COMPOUND	TYPE	CONC. (ug/kg)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,1,1-Trichloroethane	L0	50.0	46.6	0.4781354	0.5169527		-6.7	100
1,1,2,2-Tetrachloroethane	L0	50.0	39.8	0.7850054	0.7070189	0.3	-20.4	100
1,1,2-Trichloro-1,2,2-trifluoroethane	A	50.0	50.6	0.240712	0.2436927		1.2	100
1,1,2-Trichloroethane	A	50.0	47.7	0.4778463	0.4556712		-4.6	100
1,1-Dichloroethane	A	50.0	55.2	0.5172965	0.5714522	0.1	10.5	100
1,1-Dichloroethene	A	50.0	57.1	0.1979435	0.2260038		14.2	20
1,2,4-Trichlorobenzene	A	50.0	45.4	1.201012	1.09141		-9.1	100
1,2-Dibromo-3-chloropropane	L0	50.0	33.4	0.1706369	0.1578448		-33.3	100
1,2-Dibromoethane	A	50.0	47.5	0.691496	0.6567701		-5.0	100
1,2-Dichlorobenzene	A	50.0	44.8	1.573744	1.410108		-10.4	100
1,2-Dichloroethane	A	50.0	48.6	0.5546438	0.5386796		-2.9	100
1,2-Dichloroethane-d4	A	50.0	41.8	0.4516599	0.3772058		-16.5	100
1,2-Dichloroethene, Total	A	100	111	0.3174382	0.3506319		10.5	100
1,2-Dichloropropane	A	50.0	54.3	0.285892	0.3102305		8.5	20
1,3-Dichlorobenzene	A	50.0	45.9	1.629686	1.496899		-8.1	100
1,4-Dichlorobenzene	A	50.0	45.6	1.660901	1.513194		-8.9	100
2-Butanone	A	250	244	0.2330269	0.2275248		-2.4	100
2-Hexanone	A	250	226	0.6492597	0.5879912		-9.4	100
4-Bromofluorobenzene	L0	50.0	49.6	0.9483863	0.8688108		-0.8	100
4-Methyl-2-pentanone	A	250	230	0.8439665	0.7765952		-8.0	100
Acetone	A	250	249	0.1316699	0.1312715		-0.3	100
Benzene	A	50.0	54.2	1.17766	1.276774		8.4	100
Bromodichloromethane	L0	50.0	44.7	0.3954356	0.4233348		-10.6	100
Bromoform	L0	50.0	37.0	0.3781889	0.3936295	0.1	-26.0	100
Bromomethane	A	50.0	48.4	0.130911	0.1266317		-3.3	100
Carbon disulfide	L0	50.0	44.1	0.6306931	0.6450034		-11.9	100
Carbon Tetrachloride	L0	50.0	43.5	0.35522	0.3950938		-13.0	100
Chlorobenzene	A	50.0	49.3	1.895189	1.867379	0.3	-1.5	100
Chloroethane	A	50.0	52.0	0.1074449	0.1116461		3.9	100

Form 7
CONTINUING CALIBRATION CHECK
8260B

Laboratory: TestAmerica Buffalo

SDG:

Client: New York State D.E.C. - Buffalo, NY

Project: NYSDEC-Commerce Square: Spill# E932141

Instrument ID: HP5973F

Calibration: R10B040

Lab File ID: F3142.D

Calibration Date: 02/09/10 18:59

Sequence: T000675

Injection Date: 02/26/10

Lab Sample ID: T000675-CCV1

Injection Time: 20:07

COMPOUND	TYPE	CONC. (ug/kg)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Chloroform	A	50.0	51.3	0.5903439	0.6061541		2.7	20
Chloromethane	A	50.0	61.0	0.2387253	0.2911172	0.1	21.9	100
cis-1,2-Dichloroethene	A	50.0	54.5	0.3396603	0.3703804		9.0	100
cis-1,3-Dichloropropene	L0	50.0	46.9	0.4449373	0.487719		-6.3	100
Cyclohexane	A	50.0	57.2	0.48185	0.5510685		14.4	100
Dibromochloromethane	L0	50.0	39.4	0.6129902	0.6194441		-21.3	100
Dichlorodifluoromethane	L0	50.0	52.1	0.2602526	0.2970116		4.2	100
Ethylbenzene	A	50.0	49.7	3.12126	3.101211		-0.6	20
Isopropylbenzene	A	50.0	46.7	2.991972	2.796195		-6.5	100
Methyl Acetate	A	50.0	74.1	0.4155073	0.6156322		48.2	100
Methylcyclohexane	A	50.0	53.0	0.5347576	0.5669992		6.0	100
Methylene Chloride	A	50.0	58.2	0.3168048	0.3684512		16.3	100
Methyl-t-Butyl Ether (MTBE)	A	50.0	47.2	1.104154	1.041227		-5.7	100
Styrene	A	50.0	49.5	1.983057	1.964425		-0.9	100
Tetrachloroethene	A	50.0	50.3	0.7731269	0.7771719		0.5	100
Toluene	A	50.0	51.0	1.579891	1.612709		2.1	20
Toluene-d8	A	50.0	45.7	2.319633	2.119274		-8.6	100
trans-1,2-Dichloroethene	A	50.0	56.0	0.2952161	0.3308834		12.1	100
trans-1,3-Dichloropropene	L0	50.0	39.7	0.8360942	0.8267991		-20.6	100
Trichloroethene	A	50.0	52.4	0.3340259	0.3499126		4.8	100
Trichlorofluoromethane	A	50.0	52.8	0.3728707	0.3941348		5.7	100
Vinyl chloride	A	50.0	59.4	0.2303406	0.2734311		18.7	20
Xylenes, total	A	150	149	1.20359	1.199518		-0.3	100

Form 7
CONTINUING CALIBRATION CHECK
8260B

Laboratory: TestAmerica Buffalo

SDG:

Client: New York State D.E.C. - Buffalo, NY

Project: NYSDEC-Commerce Square: Spill# E932141

Instrument ID: HP5973F

Calibration: R10B106

Lab File ID: F3205.D

Calibration Date: 03/02/10 13:07

Sequence: T000678

Injection Date: 03/02/10

Lab Sample ID: T000678-CCV1

Injection Time: 22:19

COMPOUND	TYPE	CONC. (ug/kg)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Chloroform	A	50.0	52.5	0.4690452	0.4926338		5.0	20
Chloromethane	A	50.0	54.2	0.2784168	0.3019994	0.1	8.5	100
cis-1,2-Dichloroethene	A	50.0	53.0	0.3123994	0.3307998		5.9	100
cis-1,3-Dichloropropene	A	50.0	51.9	0.435747	0.452255		3.8	100
Cyclohexane	L0	50.0	61.4	0.4686323	0.5017449		22.7	100
Dibromochloromethane	A	50.0	51.1	0.7306022	0.7472473		2.3	100
Dichlorodifluoromethane	A	50.0	53.4	0.2354533	0.2517081		6.9	100
Ethylbenzene	A	50.0	54.2	3.013302	3.267789		8.4	20
Isopropylbenzene	A	50.0	56.8	2.567356	2.918207		13.7	100
Methyl Acetate	A	50.0	56.0	0.4778404	0.535312		12.0	100
Methylcyclohexane	A	50.0	56.8	0.5135305	0.583378		13.6	100
Methylene Chloride	L0	50.0	57.1	0.3504772	0.3085621		14.2	100
Methyl-t-Butyl Ether (MTBE)	A	50.0	51.4	0.9538828	0.9796113		2.7	100
Styrene	A	50.0	53.0	2.064047	2.189605		6.1	100
Tetrachloroethene	A	50.0	54.5	0.7465294	0.8143497		9.1	100
Toluene	A	50.0	51.3	1.749065	1.79503		2.6	20
Toluene-d8	A	50.0	50.9	2.427579	2.473363		1.9	100
trans-1,2-Dichloroethene	A	50.0	54.3	0.2755929	0.2990776		8.5	100
trans-1,3-Dichloropropene	A	50.0	51.8	0.963414	0.9986056		3.7	100
Trichloroethene	A	50.0	54.2	0.2752689	0.2984789		8.4	100
Trichlorofluoromethane	A	50.0	56.0	0.2862627	0.3206607		12.0	100
Vinyl chloride	A	50.0	56.1	0.2734627	0.3069788		12.3	20
Xylenes, total	A	150	163	1.271989	1.381079		8.6	100

Form 7
CONTINUING CALIBRATION CHECK
8260B

Laboratory: TestAmerica Buffalo
 Client: New York State D.E.C. - Buffalo, NY
 Instrument ID: HP5973S
 Lab File ID: S4314.D
 Sequence: T000759
 Lab Sample ID: T000759-CCV1

SDG:
 Project: NYSDEC-Commerce Square: Spill# E932141
 Calibration: R10B104
 Calibration Date: 02/28/10 08:30
 Injection Date: 03/05/10
 Injection Time: 09:58

COMPOUND	TYPE	CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,1,1-Trichloroethane	A	25.0	25.2	0.4530351	0.4576498		1.0	100
1,1,2,2-Tetrachloroethane	A	25.0	23.9	0.8657751	0.8268459	0.3	-4.5	100
1,1,2-Trichloro-1,2,2-trifluoroethane	A	25.0	25.6	0.2668003	0.2733525		2.5	100
1,1,2-Trichloroethane	A	25.0	24.0	0.4521484	0.4333284		-4.2	100
1,1-Dichloroethane	A	25.0	24.6	0.5648006	0.5559743	0.1	-1.6	100
1,1-Dichloroethene	A	25.0	24.9	0.2603986	0.2593189		-0.4	20
1,2,4-Trichlorobenzene	A	25.0	23.8	0.7792611	0.7416458		-4.8	100
1,2-Dibromo-3-chloropropane	A	25.0	23.0	0.1625975	0.1497483		-7.9	100
1,2-Dibromoethane	A	25.0	24.1	0.5628439	0.5435237		-3.4	100
1,2-Dichlorobenzene	A	25.0	23.9	1.327019	1.266517		-4.6	100
1,2-Dichloroethane	A	25.0	25.1	0.4401472	0.441726		0.4	100
1,2-Dichloroethane-d4	A	25.0	25.0	0.3706188	0.3712311		0.2	100
1,2-Dichloroethene, Total	A	50.0	50.4	0.3065769	0.3087538		0.7	100
1,2-Dichloropropane	A	25.0	24.4	0.3203331	0.3126372		-2.4	20
1,3-Dichlorobenzene	A	25.0	24.2	1.332062	1.289027		-3.2	100
1,4-Dichlorobenzene	A	25.0	23.5	1.409325	1.325891		-5.9	100
2-Butanone	A	125	122	0.201583	0.1959487		-2.8	100
2-Hexanone	A	125	120	0.5206085	0.500575		-3.8	100
4-Bromofluorobenzene	A	25.0	25.5	0.6111803	0.6234541		2.0	100
4-Methyl-2-pentanone	A	125	121	0.7291983	0.703293		-3.6	100
Acetone	A	125	123	0.1336841	0.1311123		-1.9	100
Benzene	A	25.0	24.8	1.26072	1.248705		-1.0	100
Bromodichloromethane	A	25.0	24.1	0.3700018	0.3564778		-3.7	100
Bromoform	A	25.0	22.3	0.3260567	0.2911926	0.1	-10.7	100
Bromomethane	L	25.0	17.8	7.398655E-02	4.754104E-02		-28.7	100
Carbon disulfide	A	25.0	22.9	0.7816616	0.7158006		-8.4	100
Carbon Tetrachloride	A	25.0	24.7	0.3777163	0.3736229		-1.1	100
Chlorobenzene	A	25.0	24.4	1.630758	1.593889	0.3	-2.3	100
Chloroethane	A	25.0	28.3	4.710869E-02	5.330131E-02		13.1	100

PREPARATION BATCH SUMMARY

8260B

Laboratory: TestAmerica Buffalo

SDG:

Client: New York State D.E.C. - Buffalo, NY

Project: NYSDEC-Commerce Square: Spill# E932141

Batch: 10B1594

Batch Matrix: Solid

Preparation: 5030B MS

SAMPLE NAME	LAB SAMPLE ID	INITIAL	FINAL	DATE PREPARED	TOT/DIS
Blank	10B1594-BLK1	5.00 g	5.00 mL	02/27/10 13:26	N/A
LCS	10B1594-BS1	5.00 g	5.00 mL	02/27/10 13:26	N/A
B3-16	RTB1089-01RE1	1.14 g	5.00 mL	02/27/10 13:26	N/A
B3-18	RTB1089-02	5.03 g	5.00 mL	02/27/10 13:26	N/A

Form 1
ORGANIC ANALYSIS DATA SHEET

8260B

Blank

Laboratory: TestAmerica Buffalo SDG:
 Client: New York State D.E.C. - Buffalo, NY Project: NYSDEC-Commerce Square: Spill# E932141
 Matrix: Solid Laboratory ID: 10B1594-BLK1 File ID: F3208.D
 Sampled: Prepared: 02/27/10 13:26 Analyzed: 03/02/10 23:41
 Solids: Preparation: 5030B MS Initial/Final: 5 g / 5 mL
 Batch: 10B1594 Sequence: T000678 Calibration: R10B106 Instrument: HP5973F

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg)	Q
71-55-6	1,1,1-Trichloroethane	1	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1	5.0	U
79-00-5	1,1,2-Trichloroethane	1	5.0	U
75-34-3	1,1-Dichloroethane	1	5.0	U
75-35-4	1,1-Dichloroethene	1	5.0	U
120-82-1	1,2,4-Trichlorobenzene	1	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	5.0	U
106-93-4	1,2-Dibromoethane	1	5.0	U
95-50-1	1,2-Dichlorobenzene	1	5.0	U
107-06-2	1,2-Dichloroethane	1	5.0	U
78-87-5	1,2-Dichloropropane	1	5.0	U
541-73-1	1,3-Dichlorobenzene	1	5.0	U
106-46-7	1,4-Dichlorobenzene	1	5.0	U
78-93-3	2-Butanone	1	25	U
591-78-6	2-Hexanone	1	25	U
108-10-1	4-Methyl-2-pentanone	1	25	U
67-64-1	Acetone	1	25	U
71-43-2	Benzene	1	5.0	U
75-27-4	Bromodichloromethane	1	5.0	U
75-25-2	Bromoform	1	5.0	U
74-83-9	Bromomethane	1	5.0	U
75-15-0	Carbon disulfide	1	5.0	U
56-23-5	Carbon Tetrachloride	1	5.0	U
108-90-7	Chlorobenzene	1	5.0	U
75-00-3	Chloroethane	1	5.0	U
67-66-3	Chloroform	1	5.0	U
74-87-3	Chloromethane	1	5.0	U
156-59-2	cis-1,2-Dichloroethene	1	5.0	U
10061-01-5	cis-1,3-Dichloropropene	1	5.0	U
110-82-7	Cyclohexane	1	5.0	U
124-48-1	Dibromochloromethane	1	5.0	U
75-71-8	Dichlorodifluoromethane	1	5.0	U
100-41-4	Ethylbenzene	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
79-20-9	Methyl Acetate	1	5.0	U
108-87-2	Methylcyclohexane	1	5.0	U
75-09-2	Methylene Chloride	1	4.3	J
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1	5.0	U

Form 7
CONTINUING CALIBRATION CHECK
8270C

Laboratory: TestAmerica Buffalo
Client: New York State D.E.C. - Buffalo, NY
Instrument ID: HP5973X
Lab File ID: X1140.D
Sequence: T000709
Lab Sample ID: T000709-CCV1

SDG:
Project: NYSDEC-Commerce Square: Spill# E932141
Calibration: R10B078
Calibration Date: 02/19/10 12:35
Injection Date: 03/02/10
Injection Time: 10:48

COMPOUND	TYPE	CONC. (ng/ul)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,2,4-Trichlorobenzene	A	50.0	49.6	0.2978181	0.2953444		-0.8	25
1,2-Dichlorobenzene	A	50.0	51.9	1.427364	1.480832		3.7	25
1,2-Diphenylhydrazine	A	50.0	58.8	1.119858	1.31619		17.5	100
1,3-Dichlorobenzene	A	50.0	52.4	1.551057	1.624886		4.8	25
1,4-Dichlorobenzene	A	50.0	51.6	1.556637	1.605299		3.1	20
2,2'-Oxybis(1-Chloropropane)	A	50.0	56.4	1.127009	1.272158		12.9	25
2,4,5-Trichlorophenol	A	50.0	50.8	0.3798274	0.385908		1.6	25
2,4,6-Tribromophenol	A	50.0	49.5	9.792842E-02	9.688326E-02		-1.1	25
2,4,6-Trichlorophenol	A	50.0	51.3	0.2248526	0.232501		3.4	20
2,4-Dichlorophenol	A	50.0	50.9	0.2899027	0.2952577		1.8	20
2,4-Dimethylphenol	A	50.0	53.2	0.3604916	0.3836987		6.4	25
2,4-Dinitrophenol	L	50.0	44.9	0.1533886	0.1492033	0.05	-10.3	25
2,4-Dinitrotoluene	A	50.0	55.8	0.3785735	0.422375		11.6	25
2,6-Dinitrotoluene	L	50.0	52.1	0.2776078	0.3085906		4.2	25
2-Chloronaphthalene	A	50.0	52.0	1.115158	1.159986		4.0	25
2-Chlorophenol	A	50.0	51.7	1.457877	1.507387		3.4	25
2-Fluorobiphenyl	A	50.0	51.3	1.329145	1.364581		2.7	25
2-Fluorophenol	A	50.0	52.7	1.546866	1.631689		5.5	25
2-Methylnaphthalene	A	50.0	51.3	0.6580328	0.674988		2.6	25
2-Methylphenol	A	50.0	51.7	1.182691	1.221907		3.3	25
2-Nitroaniline	A	50.0	62.1	0.3415869	0.4244415		24.3	25
2-Nitrophenol	A	50.0	52.5	0.1942928	0.2038952		4.9	20
3 & 4 Methylphenol	A	50.0	54.7	1.186462	1.298683		9.5	25
3,3'-Dichlorobenzidine	L	50.0	50.6	0.3856002	0.4240557		1.2	25
3-Nitroaniline	A	50.0	54.3	0.3278845	0.3563024		8.7	25
4,6-Dinitro-2-methylphenol	L	50.0	47.8	0.1230917	0.1262141		-4.4	25
4-Bromophenyl phenyl ether	A	50.0	50.1	0.1969179	0.1971696		0.1	25
4-Chloro-3-methylphenol	A	50.0	54.3	0.2946191	0.3199042		8.6	20
4-Chloroaniline	A	50.0	51.3	0.4345132	0.4456249		2.6	25

Form 7
CONTINUING CALIBRATION CHECK
8270C

Laboratory: TestAmerica Buffalo

SDG:

Client: New York State D.E.C. - Buffalo, NY

Project: NYSDEC-Commerce Square: Spill# E932141

Instrument ID: HP5973X

Calibration: R10B078

Lab File ID: X1140.D

Calibration Date: 02/19/10 12:35

Sequence: T000709

Injection Date: 03/02/10

Lab Sample ID: T000709-CCV1

Injection Time: 10:48

COMPOUND	TYPE	CONC. (ng/ul)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
4-Chlorophenyl phenyl ether	A	50.0	50.6	0.5182577	0.5241466		1.1	25
4-Methylphenol	A	50.0	54.7	1.186462	1.298683		9.5	25
4-Nitroaniline	L	50.0	49.2	0.3353934	0.3512571		-1.6	25
4-Nitrophenol	L	50.0	53.3	0.1873896	0.2120298	0.05	6.6	25
Acenaphthene	A	50.0	51.8	1.056912	1.09494		3.6	20
Acenaphthylene	A	50.0	53.3	1.785631	1.902162		6.5	25
Aniline	A	50.0	52.5	2.103417	2.209992		5.1	100
Anthracene	A	50.0	53.5	1.055717	1.128917		6.9	25
Benzdine	L	50.0	49.5	0.4910335	0.5460758		-0.9	100
Benzo(a)anthracene	A	50.0	53.8	1.015999	1.093001		7.6	25
Benzo(a)pyrene	A	50.0	53.7	1.099826	1.180811		7.4	20
Benzo(b)fluoranthene	A	50.0	50.8	1.229286	1.24989		1.7	25
Benzo(ghi)perylene	A	50.0	51.0	1.130589	1.153268		2.0	25
Benzo(k)fluoranthene	A	50.0	53.4	1.172563	1.251894		6.8	25
Benzoic acid	A	150	152	0.229851	0.2322897		1.1	25
Benzyl alcohol	A	50.0	52.2	0.8667058	0.905793		4.5	100
Bis(2-chloroethoxy)methane	A	50.0	55.5	0.3987568	0.4427662		11.0	25
Bis(2-chloroethyl)ether	A	50.0	53.7	1.351499	1.452294		7.5	25
Bis(2-ethylhexyl) phthalate	A	50.0	64.4	0.7168745	0.9234188		28.8	25 *
Butyl benzyl phthalate	L	50.0	57.2	0.5639641	0.6938365		14.3	25
Carbazole	A	50.0	53.5	1.065408	1.140262		7.0	25
Chrysene	A	50.0	52.6	1.020512	1.073078		5.2	25
Dibenzo(a,h)anthracene	A	50.0	52.0	1.064729	1.108035		4.1	25
Dibenzofuran	A	50.0	51.2	1.49559	1.530978		2.4	25
Diethyl phthalate	A	50.0	67.2	1.257402	1.689793		34.4	25 *
Dimethyl phthalate	A	50.0	52.5	1.279213	1.342389		4.9	25
Di-n-butyl phthalate	A	50.0	66.3	1.221579	1.62037		32.6	25 *
Di-n-octyl phthalate	L	50.0	58.1	1.402759	1.843367		16.2	20
Fluoranthene	A	50.0	54.0	1.093406	1.18023		7.9	20

PREPARATION BATCH SUMMARY

8270C

Laboratory: TestAmerica Buffalo

SDG:

Client: New York State D.E.C. - Buffalo, NY

Project: NYSDEC-Commerce Square: Spill# E932141

Batch: 10C0037

Batch Matrix: Solid

Preparation: 3550B MB

SAMPLE NAME	LAB SAMPLE ID	INITIAL	FINAL	DATE PREPARED	TOT/DIS
Blank	10C0037-BLK1	30.2 g	1.00 mL	03/01/10 17:00	N/A
LCS	10C0037-BS1	30.5 g	1.00 mL	03/01/10 17:00	N/A
B3-16	10C0037-MS1	30.5 g	1.00 mL	03/01/10 17:00	N/A
B3-16	10C0037-MSD1	30.2 g	1.00 mL	03/01/10 17:00	N/A
B3-16	RTB1089-01	30.3 g	1.00 mL	03/01/10 17:00	N/A
B3-18	RTB1089-02	30.6 g	1.00 mL	03/01/10 17:00	N/A

Form 1
ORGANIC ANALYSIS DATA SHEET

8270C

Blank

Laboratory: TestAmerica Buffalo SDG: _____
 Client: New York State D.E.C. - Buffalo, NY Project: NYSDEC-Commerce Square: Spill# E932141
 Matrix: Solid Laboratory ID: 10C0037-BLK1 File ID: X1152.D
 Sampled: _____ Prepared: 03/01/10 17:00 Analyzed: 03/02/10 15:45
 Solids: _____ Preparation: 3550B MB Initial/Final: 30.17 g / 1 mL
 Batch: 10C0037 Sequence: T000709 Calibration: R10B078 Instrument: HP5973X

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg)	Q
108-60-1	2,2'-Oxybis(1-Chloropropane)	1	170	U
95-95-4	2,4,5-Trichlorophenol	1	170	U
88-06-2	2,4,6-Trichlorophenol	1	170	U
120-83-2	2,4-Dichlorophenol	1	170	U
105-67-9	2,4-Dimethylphenol	1	170	U
51-28-5	2,4-Dinitrophenol	1	330	U
121-14-2	2,4-Dinitrotoluene	1	170	U
606-20-2	2,6-Dinitrotoluene	1	170	U
91-58-7	2-Chloronaphthalene	1	170	U
95-57-8	2-Chlorophenol	1	170	U
91-57-6	2-Methylnaphthalene	1	170	U
95-48-7	2-Methylphenol	1	170	U
88-74-4	2-Nitroaniline	1	330	U
88-75-5	2-Nitrophenol	1	170	U
91-94-1	3,3'-Dichlorobenzidine	1	170	U
99-09-2	3-Nitroaniline	1	330	U
534-52-1	4,6-Dinitro-2-methylphenol	1	330	U
101-55-3	4-Bromophenyl phenyl ether	1	170	U
59-50-7	4-Chloro-3-methylphenol	1	170	U
106-47-8	4-Chloroaniline	1	170	U
7005-72-3	4-Chlorophenyl phenyl ether	1	170	U
106-44-5	4-Methylphenol	1	330	U
100-01-6	4-Nitroaniline	1	330	U
100-02-7	4-Nitrophenol	1	330	U
83-32-9	Acenaphthene	1	170	U
208-96-8	Acenaphthylene	1	170	U
98-86-2	Acetophenone	1	170	U
120-12-7	Anthracene	1	170	U
1912-24-9	Atrazine	1	170	U
100-52-7	Benzaldehyde	1	170	U
56-55-3	Benzo(a)anthracene	1	170	U
50-32-8	Benzo(a)pyrene	1	170	U
205-99-2	Benzo(b)fluoranthene	1	170	U
191-24-2	Benzo(ghi)perylene	1	170	U
207-08-9	Benzo(k)fluoranthene	1	170	U
92-52-4	Biphenyl	1	170	U
111-91-1	Bis(2-chloroethoxy)methane	1	170	U
111-44-4	Bis(2-chloroethyl)ether	1	170	U
117-81-7	Bis(2-ethylhexyl) phthalate	1	95	J

363/806

Form 1
ORGANIC ANALYSIS DATA SHEET

8270C

Blank

Laboratory: TestAmerica Buffalo SDG: _____
 Client: New York State D.E.C. - Buffalo, NY Project: NYSDEC-Commerce Square: Spill# E932141
 Matrix: Solid Laboratory ID: 10C0037-BLK1 File ID: X1152.D
 Sampled: _____ Prepared: 03/01/10 17:00 Analyzed: 03/02/10 15:45
 Solids: _____ Preparation: 3550B MB Initial/Final: 30.17 g / 1 mL
 Batch: 10C0037 Sequence: T000709 Calibration: R10B078 Instrument: HP5973X

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg)	Q
85-68-7	Butyl benzyl phthalate	1	170	U
105-60-2	Caprolactam	1	170	U
86-74-8	Carbazole	1	170	U
218-01-9	Chrysene	1	170	U
53-70-3	Dibenzo(a,h)anthracene	1	170	U
132-64-9	Dibenzofuran	1	170	U
84-66-2	Diethyl phthalate	1	86	J
131-11-3	Dimethyl phthalate	1	170	U
84-74-2	Di-n-butyl phthalate	1	60	J
117-84-0	Di-n-octyl phthalate	1	170	U
206-44-0	Fluoranthene	1	170	U
86-73-7	Fluorene	1	170	U
118-74-1	Hexachlorobenzene	1	170	U
87-68-3	Hexachlorobutadiene	1	170	U
77-47-4	Hexachlorocyclopentadiene	1	170	U
67-72-1	Hexachloroethane	1	170	U
193-39-5	Indeno(1,2,3-cd)pyrene	1	170	U
78-59-1	Isophorone	1	170	U
91-20-3	Naphthalene	1	170	U
98-95-3	Nitrobenzene	1	170	U
621-64-7	N-Nitrosodi-n-propylamine	1	170	U
86-30-6	N-Nitrosodiphenylamine	1	170	U
87-86-5	Pentachlorophenol	1	330	U
85-01-8	Phenanthrene	1	170	U
108-95-2	Phenol	1	170	U
129-00-0	Pyrene	1	170	U

SYSTEM MONITORING COMPOUND	ADDED (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
2,4,6-Tribromophenol	4970	4050	82	39 - 146	
2-Fluorobiphenyl	3310	2200	66	37 - 120	
2-Fluorophenol	4970	2870	58	18 - 120	
Nitrobenzene-d5	3310	2210	67	34 - 132	
Phenol-d5	4970	3240	65	11 - 120	
p-Terphenyl-d14	3310	2160	65	58 - 147	
INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	82210	6.06	106888	6.06	
Acenaphthene-d10	142307	9.65	188532	9.65	
Chrysene-d12	246525	13.63	308867	13.63	
Naphthalene-d8	282723	7.59	369123	7.59	
Perylene-d12	244419	14.86	335362	14.86	
Phenanthrene-d10	224502	11.24	297843	11.24	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Chain of Custody Record

TAL-4124 (1007)

Client: NYSDEC Reg 9 Address: Buffalo State: NY Zip Code: 14201

Project Manager: J. KONSUELA Date: 4/20/10 Chain of Custody Number: 166326

Telephone Number (Area Code)/Fax Number: 716.851.7220 Lab Number: 166326

City: Buffalo State: NY Zip Code: 14201

Project Name and Location (State): Commerces St. Lockport, NY

Contract/Purchase Order/Quote No.: 716.851.7220

Site Contact: T. BOWN Lab Contact: B. Fisher

Carrier/Vehicle Number: 716.851.7220

Sample (I.D. No. and Description) (Containers for each sample may be combined on one line)	Date	Time	Analysis (Attach list if more space is needed)					Containers & Preservatives					Special Instructions/Conditions of Receipt				
			4220	8230	8082	6010	Field Point	Leach	MSD	MSD	MSD	MSD					
GPD-3 6-8	4/20/10	1620	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
GPD-3 10-12	4/20/10	1550	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
DRUMS SOIL	4/23/10	1400	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other: STANDARD

1. Requisitioned By: T. BOWN Date: 4/23/10 Time: 1400

2. Requisitioned By: T. BOWN Date: 4/23/10 Time: 1500

3. Requisitioned By: T. BOWN Date: 4/23/10 Time: 1500

Sample Disposal: ☐ Return To Client ☒ Dispose By Lab ☐ Archive For ☐ (A fee may be assessed if samples are retained longer than 1 month)

QC Requirements (Specify):

1. Requisitioned By: T. BOWN Date: 4/23/10 Time: 1500

2. Requisitioned By: T. BOWN Date: 4/23/10 Time: 1500

3. Requisitioned By: T. BOWN Date: 4/23/10 Time: 1500

Comments: 5.7

DISTRIBUTION: WHITE - Returned to Client with Report. CANARY - Stays with the Sample. PINK - Field Copy

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTD1785

Project: Commerce Square: Site# E932141
Project Number: E932141

Received: 04/23/10
Reported: 05/04/10 14:38

CASE NARRATIVE

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. field-pH), they were not analyzed immediately, but as soon as possible after laboratory receipt.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverables has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.



Brian Fischer
Project Manager

Tuesday, May 4, 2010

A pertinent document is appended to this report, 1 page, is included and is an integral part of this report.

Reproduction of this analytical report is permitted only in its entirety. This report shall not be reproduced except in full without the written approval of the laboratory.

TestAmerica Laboratories, Inc. certifies that the analytical results contained herein apply only to the samples tested as received by our Laboratory.

Form 7
CONTINUING CALIBRATION CHECK
8260B

Laboratory: TestAmerica Buffalo
Client: New York State D.E.C. - Buffalo, NY
Instrument ID: HP5973F
Lab File ID: F4746.D
Sequence: T001694
Lab Sample ID: T001694-CCV1

SDG:
Project: NYSDEC-Commerce Square: Spill# E932141
Calibration: R10D117
Calibration Date: 04/17/10 13:11
Injection Date: 04/26/10
Injection Time: 20:55

COMPOUND	TYPE	CONC. (ug/kg)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,1,1-Trichloroethane	A	50.0	55.9	0.3811569	0.4264398		11.9	100
1,1,2,2-Tetrachloroethane	A	50.0	53.4	0.6909747	0.7380447	0.3	6.8	100
1,1,2-Trichloro-1,2,2-trifluoroethane	A	50.0	40.1	0.2274325	0.1823396		-19.8	100
1,1,2-Trichloroethane	A	50.0	52.9	0.4947262	0.5236088		5.8	100
1,1-Dichloroethane	A	50.0	53.7	0.4734193	0.5085559	0.1	7.4	100
1,1-Dichloroethene	A	50.0	46.0	0.2109561	0.1942255		-7.9	20
1,2,4-Trichlorobenzene	A	50.0	51.2	1.007954	1.031382		2.3	100
1,2-Dibromo-3-chloropropane	L0	50.0	45.4	0.1068826	0.1261263		-9.1	100
1,2-Dibromoethane	A	50.0	54.5	0.679563	0.7409292		9.0	100
1,2-Dichlorobenzene	A	50.0	50.4	1.4087	1.419847		0.8	100
1,2-Dichloroethane	A	50.0	51.7	0.4291815	0.4437798		3.4	100
1,2-Dichloroethane-d4	A	50.0	57.9	0.3952463	0.4580146		15.9	100
1,2-Dichloroethene, Total	A	100	106	0.3044515	0.323317		6.2	100
1,2-Dichloropropane	A	50.0	52.1	0.2804648	0.2920776		4.1	20
1,3-Dichlorobenzene	A	50.0	51.5	1.450751	1.494465		3.0	100
1,4-Dichlorobenzene	A	50.0	50.9	1.501015	1.529188		1.9	100
2-Butanone	A	250	253	0.1952874	0.1975785		1.2	100
2-Hexanone	A	250	263	0.6134406	0.6451925		5.2	100
4-Bromofluorobenzene	A	50.0	58.2	0.9766954	1.137768		16.5	100
4-Methyl-2-pentanone	A	250	260	0.8153701	0.8475578		3.9	100
Acetone	A	250	223	0.1043872	9.309375E-02		-10.8	100
Benzene	A	50.0	52.5	1.098081	1.152449		5.0	100
Bromodichloromethane	L0	50.0	45.6	0.3053356	0.341044		-8.8	100
Bromoform	L0	50.0	38.0	0.3172304	0.3530279	0.1	-24.1	100
Bromomethane	A	50.0	52.3	0.1497145	0.156512		4.5	100
Carbon disulfide	L0	50.0	32.3	0.5170534	0.4219566		-35.4	100
Carbon Tetrachloride	L0	50.0	45.5	0.2974505	0.3369277		-9.0	100
Chlorobenzene	A	50.0	52.8	1.951906	2.060632	0.3	5.6	100
Chloroethane	A	50.0	51.1	0.1322556	0.1351339		2.2	100

123/1008

PREPARATION BATCH SUMMARY

8260B

Laboratory: TestAmerica Buffalo

SDG:

Client: New York State D.E.C. - Buffalo, NY

Project: NYSDEC-Commerce Square: Spill# E932141

Batch: 10D2515

Batch Matrix: Solid

Preparation: 5030B MS

SAMPLE NAME	LAB SAMPLE ID	INITIAL	FINAL	DATE PREPARED	TOT/DIS
Blank	10D2515-BLK1	5.00 g	5.00 mL	04/26/10 20:30	N/A
LCS	10D2515-BS1	5.00 g	5.00 mL	04/26/10 20:30	N/A
GPO-3 6-8	RTD1785-01	5.13 g	5.00 mL	04/26/10 20:30	N/A
GPO-3 10-12	RTD1785-02	5.10 g	5.00 mL	04/26/10 20:30	N/A

Form 1
ORGANIC ANALYSIS DATA SHEET
8260B

Blank

Laboratory: TestAmerica Buffalo SDG:
Client: New York State D.E.C. - Buffalo, NY Project: NYSDEC-Commerce Square: Spill# E932141
Matrix: Solid Laboratory ID: 10D2515-BLK1 File ID: F4748.D
Sampled: Prepared: 04/26/10 20:30 Analyzed: 04/26/10 21:46
Solids: Preparation: 5030B MS Initial/Final: 5 g / 5 mL
Batch: 10D2515 Sequence: T001694 Calibration: R10D117 Instrument: HP5973F

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg)	Q
71-55-6	1,1,1-Trichloroethane	1	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1	5.0	U
79-00-5	1,1,2-Trichloroethane	1	5.0	U
75-34-3	1,1-Dichloroethane	1	5.0	U
75-35-4	1,1-Dichloroethene	1	5.0	U
120-82-1	1,2,4-Trichlorobenzene	1	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	5.0	U
106-93-4	1,2-Dibromoethane	1	5.0	U
95-50-1	1,2-Dichlorobenzene	1	5.0	U
107-06-2	1,2-Dichloroethane	1	5.0	U
78-87-5	1,2-Dichloropropane	1	5.0	U
541-73-1	1,3-Dichlorobenzene	1	5.0	U
106-46-7	1,4-Dichlorobenzene	1	5.0	U
78-93-3	2-Butanone	1	25	U
591-78-6	2-Hexanone	1	25	U
108-10-1	4-Methyl-2-pentanone	1	25	U
67-64-1	Acetone	1	25	U
71-43-2	Benzene	1	5.0	U
75-27-4	Bromodichloromethane	1	5.0	U
75-25-2	Bromoform	1	5.0	U
74-83-9	Bromomethane	1	5.0	U
75-15-0	Carbon disulfide	1	5.0	U
56-23-5	Carbon Tetrachloride	1	5.0	U
108-90-7	Chlorobenzene	1	5.0	U
75-00-3	Chloroethane	1	5.0	U
67-66-3	Chloroform	1	5.0	U
74-87-3	Chloromethane	1	5.0	U
156-59-2	cis-1,2-Dichloroethene	1	5.0	U
10061-01-5	cis-1,3-Dichloropropene	1	5.0	U
110-82-7	Cyclohexane	1	2.7	J
124-48-1	Dibromochloromethane	1	5.0	U
75-71-8	Dichlorodifluoromethane	1	5.0	U
100-41-4	Ethylbenzene	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
79-20-9	Methyl Acetate	1	5.0	U
108-87-2	Methylcyclohexane	1	5.0	U
75-09-2	Methylene Chloride	1	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1	5.0	U

145/1008

Form 1
ORGANIC ANALYSIS DATA SHEET
8260B

Blank

Laboratory: TestAmerica Buffalo SDG: _____
 Client: New York State D.E.C. - Buffalo, NY Project: NYSDEC-Commerce Square; Spill# E932141
 Matrix: Solid Laboratory ID: 10D2515-BLK1 File ID: F4748.D
 Sampled: _____ Prepared: 04/26/10 20:30 Analyzed: 04/26/10 21:46
 Solids: _____ Preparation: 5030B MS Initial/Final: 5 g / 5 mL
 Batch: 10D2515 Sequence: T001694 Calibration: R10D117 Instrument: HP5973F

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg)	Q		
100-42-5	Styrene	1	5.0	U		
127-18-4	Tetrachloroethene	1	5.0	U		
108-88-3	Toluene	1	2.4	J		
156-60-5	trans-1,2-Dichloroethene	1	5.0	U		
10061-02-6	trans-1,3-Dichloropropene	1	5.0	U		
79-01-6	Trichloroethene	1	5.0	U		
75-69-4	Trichlorofluoromethane	1	5.0	U		
75-01-4	Vinyl chloride	1	5.0	U		
1330-20-7	Xylenes, total	1	10	U		
SYSTEM MONITORING COMPOUND		ADDED (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4		50.0	58.1	116	64 - 126	
4-Bromofluorobenzene		50.0	57.7	115	72 - 126	
Toluene-d8		50.0	60.9	122	71 - 125	
INTERNAL STANDARD		AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4		207935	9.36	242717	9.36	
1,4-Difluorobenzene		415208	4.31	447001	4.31	
Chlorobenzene-d5		187560	6.91	202848	6.91	

* Values outside of QC limits

Form 7
CONTINUING CALIBRATION CHECK
8270C

Laboratory: TestAmerica Buffalo
 Client: New York State D.E.C. - Buffalo, NY
 Instrument ID: HP5973V
 Lab File ID: V1962.D
 Sequence: T001755
 Lab Sample ID: T001755-CCV1

SDG:
 Project: NYSDEC-Commerce Square: Spill# E932141
 Calibration: R10D115
 Calibration Date: 04/16/10 13:29
 Injection Date: 04/29/10
 Injection Time: 17:49

COMPOUND	TYPE	CONC. (ng/ul)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
4-Chloroaniline	A	50.0	49.8	0.4336149	0.4319441		-0.4	25
4-Chlorophenyl phenyl ether	A	50.0	54.0	0.612651	0.6617984		8.0	25
4-Methylphenol	A	50.0	47.1	1.409138	1.326931		-5.8	25
4-Nitroaniline	A	50.0	49.6	0.3119706	0.3091926		-0.9	25
4-Nitrophenol	A	50.0	65.7	0.1321981	0.1737199	0.05	31.4	25 *
Acenaphthene	A	50.0	50.2	1.063952	1.067226		0.3	20
Acenaphthylene	A	50.0	50.9	1.732298	1.764676		1.9	25
Aniline	A	50.0	49.8	2.184981	2.175625		-0.4	100
Anthracene	A	50.0	51.0	1.0712	1.091651		1.9	25
Benzidine	A	50.0	58.9	0.4595642	0.5412232		17.8	100
Benzo(a)anthracene	A	50.0	45.5	1.146552	1.042789		-9.1	25
Benzo(a)pyrene	A	50.0	52.2	1.175186	1.226552		4.4	20
Benzo(b)fluoranthene	A	50.0	50.2	1.382152	1.387748		0.4	25
Benzo(ghi)perylene	A	50.0	52.4	1.150819	1.207083		4.9	25
Benzo(k)fluoranthene	A	50.0	53.7	1.212519	1.302572		7.4	25
Benzoic acid	A	150	145	0.2110788	0.2043317		-3.2	25
Benzyl alcohol	A	50.0	49.7	0.9548645	0.9486666		-0.6	100
Bis(2-chloroethoxy)methane	A	50.0	46.9	0.4338019	0.4071983		-6.1	25
Bis(2-chloroethyl)ether	A	50.0	45.5	1.547457	1.407614		-9.0	25
Bis(2-ethylhexyl) phthalate	A	50.0	42.9	0.6848747	0.5874231		-14.2	25
Butyl benzyl phthalate	A	50.0	44.4	0.4685363	0.4156291		-11.3	25
Carbazole	A	50.0	50.9	0.9684014	0.9855375		1.8	25
Chrysene	A	50.0	46.1	1.129192	1.041625		-7.8	25
Dibenzo(a,h)anthracene	A	50.0	52.9	1.191082	1.260905		5.9	25
Dibenzofuran	A	50.0	51.2	1.496735	1.532258		2.4	25
Diethyl phthalate	A	50.0	52.5	1.156145	1.214325		5.0	25
Dimethyl phthalate	A	50.0	51.3	1.222674	1.253472		2.5	25
Di-n-butyl phthalate	A	50.0	50.0	1.128588	1.127461		-0.1	25
Di-n-octyl phthalate	A	50.0	43.0	1.144602	0.9855581		-13.9	20

Form 7
CONTINUING CALIBRATION CHECK
8082

Laboratory: TestAmerica Buffalo
 Client: New York State D.E.C. - Buffalo, NY
 Instrument ID: HP5890-12
 Lab File ID: 12a86203
 Sequence: T002584
 Lab Sample ID: T002584-CCV1

SDG:
 Project: NYSDEC-Commerce Square: Spill# E932141
 Calibration: R10B022
 Calibration Date: 02/03/10 02:52
 Injection Date: 05/02/10
 Injection Time: 17:14

COMPOUND	TYPE	CONC. (ng/ul)		CALIBRATION FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Aroclor 1016	A	0.500	0.466	529290.3	491426.2		-7.2	15
Aroclor 1016 [2C]	L0	0.500	0.587	922631.4	891478.6		17.4	15 *
Aroclor 1016 Peak1	A	0.500	0.483	335567	324432.4		-3.3	15
Aroclor 1016 Peak1 [2C]	L0	0.500	0.574	1564372	1480848		14.8	15
Aroclor 1016 Peak2	A	0.500	0.469	357462.9	335206.6		-6.2	15
Aroclor 1016 Peak2 [2C]	L0	0.500	0.600	704148.7	670084.8		20.0	15 *
Aroclor 1016 Peak3	A	0.500	0.464	987284.3	915807.8		-7.2	15
Aroclor 1016 Peak3 [2C]	L0	0.500	0.584	800719.4	772875.2		16.8	15 *
Aroclor 1016 Peak4	A	0.500	0.447	436847.2	390257.8		-10.7	15
Aroclor 1016 Peak4 [2C]	L0	0.500	0.590	621285.2	642106.4		18.1	15 *
Aroclor 1260	A	0.500	0.442	708508	633019.2		-10.7	15
Aroclor 1260 [2C]	L0	0.500	0.625	1373521	1046354		25.0	15 *
Aroclor 1260 Peak1	A	0.500	0.454	1042926	946916.4		-9.2	15
Aroclor 1260 Peak1 [2C]	L0	0.500	0.579	1838842	1794850		15.8	15 *
Aroclor 1260 Peak2	A	0.500	0.451	1043946	940687.8		-9.9	15
Aroclor 1260 Peak2 [2C]	L0	0.500	0.612	1643737	1733804		22.3	15 *
Aroclor 1260 Peak3	A	0.500	0.430	520151	447091		-14.0	15
Aroclor 1260 Peak3 [2C]	L0	0.500	0.582	441548.1	476272.6		16.3	15 *
Aroclor 1260 Peak4	A	0.500	0.435	227009.3	197381.6		-13.1	15
Aroclor 1260 Peak4 [2C]	L0	0.500	0.727	120931.1	180487.5		45.4	15 *
Decachlorobiphenyl	A	0.0300	0.0277	9093915	8373087		-7.9	
Decachlorobiphenyl [2C]	L0	0.0300	0.0317	1.715339E+07	1.773499E+07		5.6	
Tetrachloro-m-xylene	A	0.0300	0.0300	1.243472E+07	1.224109E+07		-1.6	
Tetrachloro-m-xylene [2C]	L0	0.0300	0.0303	1.908922E+07	1.895373E+07		1.0	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Temperature on Receipt

Drinking Water? Yes ☐ No ☒

Chain of Custody Record

TAL-4124 (10/07)

Chain of Custody Number
165822

Date **5/21/10**

Page **1** of **1**

Project Manager

J. Kosselle | **T. Brown**

Telephone Number (Area Code) / Extension

716.851.7220 | **716.851.7226**

Site Contact

T. Brown | **R. Fischer**

Carrier/Vehicle Number

14203

Analysis (Attach list if more space is needed)

Special Instructions/
Conditions of Receipt

Client **NYSDEL**

Address **270 Michigan Ave**

City **Buffalo**

State **NY**

Zip Code **14203**

Project Name and Location (State) **Commerce Sta. Lakewood NY**

Contract/Purchase Order/Quote No. **NY**

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix				Containers & Preservatives				Analysis			
			As	Acid	Seal	Unopened	Unopened	Unopened	Unopened	Unopened	Unopened	Unopened	Unopened	Unopened
Top Blank	5/21/10	-	X											
BD-1	↓	1140	X											
BD-2	↓	1230	X											
BD-3	↓	1330	X											
BD-4	↓	1430	X											
WATER DUMPS 2	↓	1450	X											
WATER DUMPS 2	↓	1455	X											
WATER DUMPS 3	↓	1500	X											
WATER DUMPS 4	↓	1505	X											

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Solid Inert ☐ Poison B ☒ Unknown ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other STANDARD

1. Released By **[Signature]** Date **5/21/10** Time **1630**

2. Requisitioned By **[Signature]** Date **5/21/10** Time **1630**

3. Requisitioned By **[Signature]** Date **5/21/10** Time **1630**

Comments **2.6.0**

DISTRIBUTION: WHITE - Returned to Client with Report, CANARY - Stays with the Sample, PINK - Field Copy

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTE1137

Project: Commerce Square: Site# E932141
Project Number: E932141

Received: 05/21/10

Reported: 06/08/10 08:32

CASE NARRATIVE

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. field-pH), they were not analyzed immediately, but as soon as possible after laboratory receipt.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverables has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.



Brian Fischer
Project Manager

Tuesday, June 8, 2010

A pertinent document is appended to this report, 1 page, is included and is an integral part of this report.

Reproduction of this analytical report is permitted only in its entirety. This report shall not be reproduced except in full without the written approval of the laboratory.

TestAmerica Laboratories, Inc. certifies that the analytical results contained herein apply only to the samples tested as received by our Laboratory.

Form 7
CONTINUING CALIBRATION CHECK
8260B

Laboratory: TestAmerica Buffalo
 Client: New York State D.E.C. - Buffalo, NY
 Instrument ID: HP5973S
 Lab File ID: S6972.D
 Sequence: T002303
 Lab Sample ID: T002303-CCV1

SDG:
 Project: NYSDEC-Commerce Square: Spill# E932141
 Calibration: R10E075
 Calibration Date: 05/15/10 16:15
 Injection Date: 05/27/10
 Injection Time: 13:18

COMPOUND	TYPE	CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,1,1-Trichloroethane	A	25.0	21.8	0.499816	0.4354783		-12.9	100
1,1,2,2-Tetrachloroethane	A	25.0	22.6	0.8898827	0.8047735	0.3	-9.6	100
1,1,2-Trichloro-1,2,2-trifluoroethane	A	25.0	23.8	0.2748498	0.261339		-4.9	100
1,1,2-Trichloroethane	A	25.0	22.1	0.4560421	0.40375		-11.5	100
1,1-Dichloroethane	A	25.0	23.6	0.6011219	0.5678141	0.1	-5.5	100
1,1-Dichloroethene	A	25.0	22.8	0.292096	0.2666075		-8.7	20
1,2,4-Trichlorobenzene	A	25.0	21.4	0.7585171	0.6505072		-14.2	100
1,2-Dibromo-3-chloropropane	L0	25.0	16.9	0.1288532	0.1114687		-32.3	100
1,2-Dibromoethane	A	25.0	22.5	0.5191019	0.4680358		-9.8	100
1,2-Dichlorobenzene	A	25.0	22.6	1.343937	1.214319		-9.6	100
1,2-Dichloroethane	A	25.0	22.9	0.488785	0.4475624		-8.4	100
1,2-Dichloroethane-d4	A	25.0	23.9	0.4100264	0.392564		-4.3	100
1,2-Dichloropropane	A	25.0	24.4	0.3408825	0.332253		-2.5	20
1,3-Dichlorobenzene	A	25.0	22.1	1.423384	1.259042		-11.5	100
1,4-Dichlorobenzene	A	25.0	21.9	1.481258	1.297502		-12.4	100
2-Butanone	A	125	119	0.1589602	0.1518465		-4.5	100
2-Hexanone	A	125	120	0.3687131	0.3547091		-3.8	100
4-Bromofluorobenzene	A	25.0	27.2	0.6135483	0.6672418		8.8	100
4-Methyl-2-pentanone	A	125	115	0.5298491	0.488259		-7.8	100
Acetone	A	125	120	0.1087001	0.1043618		-4.0	100
Benzene	A	25.0	23.0	1.479367	1.363923		-7.8	100
Bromodichloromethane	A	25.0	24.7	0.3866473	0.3822286		-1.1	100
Bromoform	L0	25.0	18.1	0.2713969	0.261354	0.1	-27.6	100
Bromomethane	L0	25.0	29.4	8.870965E-02	8.924191E-02		17.5	100
Carbon disulfide	A	25.0	23.3	0.7045356	0.656792		-6.8	100
Carbon Tetrachloride	A	25.0	22.6	0.3744138	0.3382034		-9.7	100
Chlorobenzene	A	25.0	22.8	1.702573	1.556209	0.3	-8.6	100
Chloroethane	A	25.0	34.6	4.947662E-02	6.847587E-02		38.4	100
Chloroform	A	25.0	22.7	0.6162215	0.5595319		-9.2	20

Form 7
CONTINUING CALIBRATION CHECK
8260B

Laboratory: TestAmerica Buffalo
 Client: New York State D.E.C. - Buffalo, NY
 Instrument ID: HP5973S
 Lab File ID: S6972.D
 Sequence: T002303
 Lab Sample ID: T002303-CCV1

SDG:
 Project: NYSDEC-Commerce Square: Spill# B932141
 Calibration: R10E075
 Calibration Date: 05/15/10 16:15
 Injection Date: 05/27/10
 Injection Time: 13:18

COMPOUND	TYPE	CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Chloromethane	A	25.0	30.3	0.3309126	0.4011762	0.1	21.2	100
cis-1,2-Dichloroethene	A	25.0	22.7	0.3761642	0.3414115		-9.2	100
cis-1,3-Dichloropropene	A	25.0	25.7	0.5166251	0.5315469		2.9	100
Cyclohexane	A	25.0	24.0	0.5620906	0.5386632		-4.2	100
Dibromochloromethane	L0	25.0	19.5	0.415558	0.398211		-22.1	100
Dichlorodifluoromethane	A	25.0	28.0	0.331025	0.3711123		12.1	100
Ethylbenzene	A	25.0	22.5	3.115982	2.803653		-10.0	20
Isopropylbenzene	A	25.0	21.4	3.498441	2.99125		-14.5	100
Methyl Acetate	A	25.0	23.9	0.4170927	0.3991303		-4.3	100
Methylcyclohexane	A	25.0	24.0	0.6471918	0.6212764		-4.0	100
Methylene Chloride	A	25.0	27.1	0.3753787	0.4063713		8.3	100
Methyl-t-Butyl Ether (MTBE)	A	25.0	22.5	1.029203	0.9281034		-9.8	100
Styrene	A	25.0	23.8	1.812507	1.727798		-4.7	100
Tetrachloroethene	A	25.0	21.8	0.5802898	0.5049947		-13.0	100
Toluene	A	25.0	22.0	1.635599	1.439151		-12.0	20
Toluene-d8	A	25.0	24.8	2.370532	2.355758		-0.6	100
trans-1,2-Dichloroethene	A	25.0	22.0	0.3296542	0.2906329		-11.8	100
trans-1,3-Dichloropropene	A	25.0	23.0	0.818981	0.7550966		-7.8	100
Trichloroethene	A	25.0	21.8	0.3556349	0.3102551		-12.8	100
Trichlorofluoromethane	A	25.0	22.4	0.3278602	0.29317		-10.6	100
Vinyl chloride	A	25.0	26.2	0.3728586	0.3903568		4.7	20
Xylenes, total	A	75.0	68.6	1.159964	1.060589		-8.6	100

Form 7
CONTINUING CALIBRATION CHECK
8260B

Laboratory: TestAmerica Buffalo
 Client: New York State D.E.C. - Buffalo, NY
 Instrument ID: HP5973G
 Lab File ID: G9042.D
 Sequence: T002328
 Lab Sample ID: T002328-CCV1

SDG:
 Project: NYSDEC-Commerce Square: Spill# E932141
 Calibration: R10E143
 Calibration Date: 05/13/10 00:52
 Injection Date: 05/28/10
 Injection Time: 10:21

COMPOUND	TYPE	CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,1,1-Trichloroethane	A	25.0	24.3	0.4592377	0.4468804		-2.7	100
1,1,2,2-Tetrachloroethane	A	25.0	24.3	0.8755419	0.8498505	0.3	-2.9	100
1,1,2-Trichloro-1,2,2-trifluoroethane	A	25.0	23.4	0.3264896	0.3052105		-6.5	100
1,1,2-Trichloroethane	A	25.0	23.4	0.5180313	0.4858002		-6.2	100
1,1-Dichloroethane	A	25.0	24.4	0.6300789	0.6147243	0.1	-2.4	100
1,1-Dichloroethene	A	25.0	23.3	0.3062991	0.2849421		-7.0	20
1,2,4-Trichlorobenzene	A	25.0	23.8	1.200124	1.140506		-5.0	100
1,2-Dibromo-3-chloropropane	L0	25.0	19.1	0.1405756	0.1344785		-23.6	100
1,2-Dibromoethane	A	25.0	24.0	0.6254257	0.6003416		-4.0	100
1,2-Dichlorobenzene	A	25.0	24.2	1.568544	1.519608		-3.1	100
1,2-Dichloroethane	A	25.0	25.0	0.5030189	0.5033488		0.07	100
1,2-Dichloroethane-d4	A	25.0	25.8	0.3795052	0.3917903		3.2	100
1,2-Dichloropropane	A	25.0	23.8	0.3722652	0.3546078		-4.7	20
1,3-Dichlorobenzene	A	25.0	24.1	1.595721	1.538525		-3.6	100
1,4-Dichlorobenzene	A	25.0	24.1	1.657352	1.597121		-3.6	100
2-Butanone	A	125	122	0.2520724	0.2451419		-2.7	100
2-Hexanone	A	125	125	0.7522224	0.7549023		0.4	100
4-Bromofluorobenzene	A	25.0	24.1	0.739052	0.7123431		-3.6	100
4-Methyl-2-pentanone	A	125	124	1.048163	1.040403		-0.7	100
Acetone	A	125	125	0.1551238	0.1557075		0.4	100
Benzene	A	25.0	23.6	1.406215	1.328027		-5.6	100
Bromodichloromethane	A	25.0	24.6	0.3579293	0.3525571		-1.5	100
Bromoform	L0	25.0	16.8	0.2914495	0.2674579	0.1	-32.7	100
Bromomethane	A	25.0	23.5	0.1490282	0.1402466		-5.9	100
Carbon disulfide	A	25.0	23.8	0.9174857	0.8749977		-4.6	100
Carbon Tetrachloride	A	25.0	24.2	0.3537503	0.3427852		-3.1	100
Chlorobenzene	A	25.0	23.5	1.967365	1.851927	0.3	-5.9	100
Chloroethane	A	25.0	23.8	0.1761182	0.1674667		-4.9	100
Chloroform	A	25.0	24.2	0.5593127	0.5416295		-3.2	20

Form 7
CONTINUING CALIBRATION CHECK
8260B

Laboratory: TestAmerica Buffalo

SDG:

Client: New York State D.E.C. - Buffalo, NY

Project: NYSDEC-Commerce Square: Spill# E932141

Instrument ID: HP5973G

Calibration: R10E143

Lab File ID: G9042.D

Calibration Date: 05/13/10 00:52

Sequence: T002328

Injection Date: 05/28/10

Lab Sample ID: T002328-CCV1

Injection Time: 10:21

COMPOUND	TYPE	CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Chloromethane	A	25.0	24.4	0.4920833	0.4797932	0.1	-2.5	100
cis-1,2-Dichloroethene	A	25.0	23.8	0.366393	0.3494417		-4.6	100
cis-1,3-Dichloropropene	A	25.0	24.0	0.4949342	0.4758075		-3.9	100
Cyclohexane	A	25.0	23.5	0.7344763	0.6911026		-5.9	100
Dibromochloromethane	L0	25.0	19.5	0.5043452	0.479844		-21.9	100
Dichlorodifluoromethane	A	25.0	23.4	0.30847	0.2880761		-6.6	100
Ethylbenzene	A	25.0	23.6	3.361131	3.169625		-5.7	20
Isopropylbenzene	A	25.0	23.9	3.471965	3.318226		-4.4	100
Methyl Acetate	A	25.0	25.0	0.6404238	0.6407528		0.05	100
Methylcyclohexane	A	25.0	23.4	0.6477527	0.6066782		-6.3	100
Methylene Chloride	A	25.0	24.9	0.3714567	0.3693852		-0.6	100
Methyl-t-Butyl Ether (MTBE)	A	25.0	24.0	1.219219	1.168401		-4.2	100
Styrene	A	25.0	24.1	2.097471	2.0228		-3.6	100
Tetrachloroethene	A	25.0	22.8	0.7121882	0.6500631		-8.7	100
Toluene	A	25.0	23.3	1.809169	1.684263		-6.9	20
Toluene-d8	A	25.0	25.2	2.518401	2.535655		0.7	100
trans-1,2-Dichloroethene	A	25.0	24.5	0.3247378	0.3176981		-2.2	100
trans-1,3-Dichloropropene	A	25.0	23.7	0.9201839	0.873925		-5.0	100
Trichloroethene	A	25.0	23.5	0.3360302	0.3154755		-6.1	100
Trichlorofluoromethane	A	25.0	24.2	0.3837427	0.3721643		-3.0	100
Vinyl chloride	A	25.0	22.8	0.4251746	0.3876365		-8.8	20
Xylenes, total	A	75.0	70.4	1.322137	1.240641		-6.2	100

PREPARATION BATCH SUMMARY

8260B

Laboratory: TestAmerica Buffalo

SDG:

Client: New York State D.E.C. - Buffalo, NY

Project: NYSDEC-Commerce Square: Spill# E932141

Batch: 10E2196

Batch Matrix: Water

Preparation: 5030B MS

SAMPLE NAME	LAB SAMPLE ID	INITIAL	FINAL	DATE PREPARED	TOT/DIS
Blank	10E2196-BLK1	5.00 mL	5.00 mL	05/27/10 09:00	N/A
LCS	10E2196-BS1	5.00 mL	5.00 mL	05/27/10 09:00	N/A
BR-1	RTE1137-01	5.00 mL	5.00 mL	05/27/10 12:45	N/A
BR-2	RTE1137-02	5.00 mL	5.00 mL	05/27/10 12:45	N/A
BR-3	RTE1137-03	5.00 mL	5.00 mL	05/27/10 12:45	N/A
BR-4	RTE1137-04	5.00 mL	5.00 mL	05/27/10 12:45	N/A

Form 1
ORGANIC ANALYSIS DATA SHEET
8260B

Blank

Laboratory: TestAmerica Buffalo SDG:
 Client: New York State D.E.C. - Buffalo, NY Project: NYSDEC-Commerce Square: Spill# E932141
 Matrix: Water Laboratory ID: 10E2196-BLK1 File ID: S6975.D
 Sampled: Prepared: 05/27/10 09:00 Analyzed: 05/27/10 14:45
 Solids: Preparation: 5030B MS Initial/Final: 5 mL / 5 mL
 Batch: 10E2196 Sequence: T002303 Calibration: R10E075 Instrument: HP5973S

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1	1.0	U
79-00-5	1,1,2-Trichloroethane	1	1.0	U
75-34-3	1,1-Dichloroethane	1	1.0	U
75-35-4	1,1-Dichloroethene	1	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1.0	U
106-93-4	1,2-Dibromoethane	1	1.0	U
95-50-1	1,2-Dichlorobenzene	1	1.0	U
107-06-2	1,2-Dichloroethane	1	1.0	U
78-87-5	1,2-Dichloropropane	1	1.0	U
541-73-1	1,3-Dichlorobenzene	1	1.0	U
106-46-7	1,4-Dichlorobenzene	1	1.0	U
78-93-3	2-Butanone	1	10	U
591-78-6	2-Hexanone	1	5.0	U
108-10-1	4-Methyl-2-pentanone	1	5.0	U
67-64-1	Acetone	1	10	U
71-43-2	Benzene	1	1.0	U
75-27-4	Bromodichloromethane	1	1.0	U
75-25-2	Bromoform	1	1.0	U
74-83-9	Bromomethane	1	1.0	U
75-15-0	Carbon disulfide	1	1.0	U
56-23-5	Carbon Tetrachloride	1	1.0	U
108-90-7	Chlorobenzene	1	1.0	U
75-00-3	Chloroethane	1	1.0	U
67-66-3	Chloroform	1	1.0	U
74-87-3	Chloromethane	1	1.0	U
156-59-2	cis-1,2-Dichloroethene	1	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1	1.0	U
110-82-7	Cyclohexane	1	1.0	U
124-48-1	Dibromochloromethane	1	1.0	U
75-71-8	Dichlorodifluoromethane	1	1.0	U
100-41-4	Ethylbenzene	1	1.0	U
98-82-8	Isopropylbenzene	1	1.0	U
79-20-9	Methyl Acetate	1	1.0	U
108-87-2	Methylcyclohexane	1	1.0	U
75-09-2	Methylene Chloride	1	0.58	J
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1	1.0	U

Form 2
SURROGATE STANDARD RECOVERY AND RT SUMMARY
8270C

Laboratory: TestAmerica Buffalo

SDG:

Client: New York State D.E.C. - Buffalo, NY

Project: NYSDEC-Commerce Square: Spill# E932141

Sequence: T002371

Instrument: HP5973X

Matrix: Water

Calibration: R10E156

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
LCS (10E1815-BS1) Lab File ID: X4971.D Analyzed: 06/01/10 22:14								
2,4,6-Tribromophenol	150	86	52 - 132	10.7	10.71667	-0.0167	+/-1.0	
2-Fluorobiphenyl	100	55	48 - 120	9.05	9.06	-0.0100	+/-1.0	
2-Fluorophenol	150	25	20 - 120	4.67	4.7	-0.0300	+/-1.0	
Nitrobenzene-d5	100	53	46 - 120	6.91	6.931667	-0.0217	+/-1.0	
Phenol-d5	150	20	16 - 120	5.82	5.845	-0.0250	+/-1.0	
p-Terphenyl-d14	100	72	24 - 136	12.89	12.90333	-0.0133	+/-1.0	
Matrix Spike (10E1815-MS1) Lab File ID: X4972.D Analyzed: 06/01/10 22:37								
2,4,6-Tribromophenol	309	90	52 - 132	10.7	10.71667	-0.0167	+/-1.0	
2-Fluorobiphenyl	206	53	48 - 120	9.05	9.06	-0.0100	+/-1.0	
2-Fluorophenol	309	38	20 - 120	4.67	4.7	-0.0300	+/-1.0	
Nitrobenzene-d5	206	52	46 - 120	6.91	6.931667	-0.0217	+/-1.0	
Phenol-d5	309	34	16 - 120	5.83	5.845	-0.0150	+/-1.0	
p-Terphenyl-d14	206	59	24 - 136	12.89	12.90333	-0.0133	+/-1.0	
Matrix Spike Dup (10E1815-MSD1) Lab File ID: X4973.D Analyzed: 06/01/10 23:00								
2,4,6-Tribromophenol	309	91	52 - 132	10.7	10.71667	-0.0167	+/-1.0	
2-Fluorobiphenyl	206	43	48 - 120	9.05	9.06	-0.0100	+/-1.0	*
2-Fluorophenol	309	24	20 - 120	4.67	4.7	-0.0300	+/-1.0	
Nitrobenzene-d5	206	37	46 - 120	6.91	6.931667	-0.0217	+/-1.0	*
Phenol-d5	309	24	16 - 120	5.83	5.845	-0.0150	+/-1.0	
p-Terphenyl-d14	206	62	24 - 136	12.89	12.90333	-0.0133	+/-1.0	
BR-1 (RTE1137-01) Lab File ID: X4974.D Analyzed: 06/01/10 23:23								
2,4,6-Tribromophenol	169	88	52 - 132	10.7	10.71667	-0.0167	+/-1.0	
2-Fluorobiphenyl	112	47	48 - 120	9.05	9.06	-0.0100	+/-1.0	*
2-Fluorophenol	169	23	20 - 120	4.67	4.7	-0.0300	+/-1.0	
Nitrobenzene-d5	112	44	46 - 120	6.91	6.931667	-0.0217	+/-1.0	*
Phenol-d5	169	19	16 - 120	5.82	5.845	-0.0250	+/-1.0	
p-Terphenyl-d14	112	44	24 - 136	12.89	12.90333	-0.0133	+/-1.0	

Form 2
SURROGATE STANDARD RECOVERY AND RT SUMMARY
8270C

Laboratory: TestAmerica Buffalo

SDG:

Client: New York State D.E.C. - Buffalo, NY

Project: NYSDEC-Commerce Square: Spill# E932141

Sequence: T002444

Instrument: HP5973X

Matrix: Water

Calibration: R10F014

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Blank (10F0222-BLK1) Lab File ID: X5143.D Analyzed: 06/04/10 20:09								
2,4,6-Tribromophenol	150	106	52 - 132	10.66	10.66833	-0.0083	+/-1.0	
2-Fluorobiphenyl	100	77	48 - 120	9	9.006667	-0.0067	+/-1.0	
2-Fluorophenol	150	37	20 - 120	4.6	4.61	-0.0100	+/-1.0	
Nitrobenzene-d5	100	73	46 - 120	6.86	6.873333	-0.0133	+/-1.0	
Phenol-d5	150	29	16 - 120	5.78	5.788333	-0.0083	+/-1.0	
p-Terphenyl-d14	100	91	24 - 136	12.84	12.85333	-0.0133	+/-1.0	
LCS (10F0222-BS1) Lab File ID: X5144.D Analyzed: 06/04/10 20:31								
2,4,6-Tribromophenol	150	106	52 - 132	10.66	10.66833	-0.0083	+/-1.0	
2-Fluorobiphenyl	100	85	48 - 120	9	9.006667	-0.0067	+/-1.0	
2-Fluorophenol	150	39	20 - 120	4.6	4.61	-0.0100	+/-1.0	
Nitrobenzene-d5	100	75	46 - 120	6.86	6.873333	-0.0133	+/-1.0	
Phenol-d5	150	30	16 - 120	5.78	5.788333	-0.0083	+/-1.0	
p-Terphenyl-d14	100	93	24 - 136	12.84	12.85333	-0.0133	+/-1.0	
LCS Dup (10F0222-BSD1) Lab File ID: X5145.D Analyzed: 06/04/10 20:54								
2,4,6-Tribromophenol	150	101	52 - 132	10.66	10.66833	-0.0083	+/-1.0	
2-Fluorobiphenyl	100	84	48 - 120	9	9.006667	-0.0067	+/-1.0	
2-Fluorophenol	150	37	20 - 120	4.6	4.61	-0.0100	+/-1.0	
Nitrobenzene-d5	100	75	46 - 120	6.86	6.873333	-0.0133	+/-1.0	
Phenol-d5	150	29	16 - 120	5.78	5.788333	-0.0083	+/-1.0	
p-Terphenyl-d14	100	90	24 - 136	12.84	12.85333	-0.0133	+/-1.0	
BR-1 (RTE1137-01RE1) Lab File ID: X5146.D Analyzed: 06/04/10 21:17								
2,4,6-Tribromophenol	144	101	52 - 132	10.66	10.66833	-0.0083	+/-1.0	
2-Fluorobiphenyl	96.2	85	48 - 120	9	9.006667	-0.0067	+/-1.0	
2-Fluorophenol	144	33	20 - 120	4.6	4.61	-0.0100	+/-1.0	
Nitrobenzene-d5	96.2	78	46 - 120	6.86	6.873333	-0.0133	+/-1.0	
Phenol-d5	144	25	16 - 120	5.78	5.788333	-0.0083	+/-1.0	
p-Terphenyl-d14	96.2	41	24 - 136	12.84	12.85333	-0.0133	+/-1.0	
BR-2 (RTE1137-02RE1) Lab File ID: X5147.D Analyzed: 06/04/10 21:39								
2,4,6-Tribromophenol	146	107	52 - 132	10.66	10.66833	-0.0083	+/-1.0	
2-Fluorobiphenyl	97.1	92	48 - 120	9	9.006667	-0.0067	+/-1.0	
2-Fluorophenol	146	37	20 - 120	4.6	4.61	-0.0100	+/-1.0	
Nitrobenzene-d5	97.1	82	46 - 120	6.86	6.873333	-0.0133	+/-1.0	
Phenol-d5	146	28	16 - 120	5.78	5.788333	-0.0083	+/-1.0	
p-Terphenyl-d14	97.1	66	24 - 136	12.84	12.85333	-0.0133	+/-1.0	

Form 3
LCS / LCS DUPLICATE RECOVERY
8270C

Laboratory: TestAmerica Buffalo
Client: New York State D.E.C. - Buffalo, NY
Matrix: Water
Batch: 10E1815
Preparation: 3510C MB

SDG:
Project: NYSDEC-Commerce Square: Spill# E932141
Spike standard: RT04110
Laboratory ID: 10E1815-BS1
Initial/Final: 1000 mL / 1 mL

COMPOUND	SPIKE ADDED	UNITS	LCS CONCENTRATION	LCS % REC. #	QCLIMITS REC.
2,2'-Oxybis(1-Chloropropane)		ug/L	ND		47 - 120
2,4,5-Trichlorophenol		ug/L	ND		65 - 126
2,4,6-Trichlorophenol		ug/L	ND		64 - 120
2,4-Dichlorophenol		ug/L	ND		64 - 120
2,4-Dimethylphenol		ug/L	ND		57 - 120
2,4-Dinitrophenol		ug/L	ND		42 - 153
2,4-Dinitrotoluene	100	ug/L	87.0	87	59 - 125
2,6-Dinitrotoluene		ug/L	ND		74 - 134
2-Chloronaphthalene		ug/L	ND		52 - 120
2-Chlorophenol	100	ug/L	46.9	47 *	48 - 120
2-Methylnaphthalene		ug/L	ND		48 - 120
2-Methylphenol		ug/L	ND		39 - 120
2-Nitroaniline		ug/L	ND		67 - 136
2-Nitrophenol		ug/L	ND		59 - 120
3,3'-Dichlorobenzidine		ug/L	ND		33 - 140
3-Nitroaniline		ug/L	ND		69 - 129
4,6-Dinitro-2-methylphenol		ug/L	ND		64 - 159
4-Bromophenyl phenyl ether		ug/L	ND		71 - 126
4-Chloro-3-methylphenol	100	ug/L	54.3	54 *	64 - 120
4-Chloroaniline		ug/L	ND		60 - 124
4-Chlorophenyl phenyl ether		ug/L	ND		71 - 122
4-Methylphenol		ug/L	ND		36 - 120
4-Nitroaniline		ug/L	ND		64 - 135
4-Nitrophenol	100	ug/L	34.8	35	16 - 120
Acenaphthene	100	ug/L	54.9	55 *	60 - 120
Acenaphthylene		ug/L	ND		63 - 120
Acetophenone		ug/L	ND		45 - 120
Anthracene		ug/L	ND		69 - 131
Atrazine		ug/L	ND		70 - 129
Benzaldehyde		ug/L	ND		30 - 140

Form 7
CONTINUING CALIBRATION CHECK
8270C

Laboratory: TestAmerica Buffalo

SDG:

Client: New York State D.E.C. - Buffalo, NY

Project: NYSDEC-Commerce Square: Spill# E932141

Instrument ID: HP5973X

Calibration: R10E156

Lab File ID: X4850.D

Calibration Date: 05/28/10 12:46

Sequence: T002341

Injection Date: 05/29/10

Lab Sample ID: T002341-CCV1

Injection Time: 07:49

COMPOUND	TYPE	CONC. (ng/ul)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,2,4-Trichlorobenzene	A	50.0	50.5	0.2828948	0.2859015		1.1	25
1,2-Dichlorobenzene	A	50.0	49.7	1.4314	1.422708		-0.6	25
1,2-Diphenylhydrazine	A	50.0	51.1	1.60146	1.636919		2.2	100
1,3-Dichlorobenzene	A	50.0	50.1	1.528263	1.531112		0.2	25
1,4-Dichlorobenzene	A	50.0	49.4	1.538209	1.520992		-1.1	20
2,2'-Oxybis(1-Chloropropane)	A	50.0	53.6	2.075218	2.226212		7.3	25
2,4,5-Trichlorophenol	A	50.0	53.8	0.3343624	0.3596672		7.6	25
2,4,6-Tribromophenol	L	50.0	52.3	9.011904E-02	0.1012645		4.5	25
2,4,6-Trichlorophenol	A	50.0	53.7	0.1885805	0.2021774		7.2	20
2,4-Dichlorophenol	A	50.0	51.5	0.2697017	0.2778077		3.0	20
2,4-Dimethylphenol	A	50.0	49.4	0.4086464	0.4037202		-1.2	25
2,4-Dinitrophenol	L	50.0	63.0	9.016931E-02	0.1326057	0.05	26.1	25 *
2,4-Dinitrotoluene	L	50.0	52.9	0.3425483	0.3928374		5.8	25
2,6-Dinitrotoluene	A	50.0	57.5	0.2544513	0.2928118		15.1	25
2-Chloronaphthalene	A	50.0	50.6	1.071712	1.084509		1.2	25
2-Chlorophenol	A	50.0	51.7	1.430649	1.479193		3.4	25
2-Fluorobiphenyl	A	50.0	50.1	1.193696	1.195692		0.2	25
2-Fluorophenol	A	50.0	51.4	1.594804	1.6387		2.8	25
2-Methylnaphthalene	A	50.0	51.0	0.6569744	0.6698405		2.0	25
2-Methylphenol	A	50.0	51.3	1.335019	1.370133		2.6	25
2-Nitroaniline	L	50.0	52.3	0.3944539	0.4411642		4.6	25
2-Nitrophenol	A	50.0	57.0	0.1649163	0.1879769		14.0	20
3 & 4 Methylphenol	A	50.0	51.1	1.352712	1.38154		2.1	25
3,3'-Dichlorobenzidine	A	50.0	50.5	0.4193849	0.4232408		0.9	25
3,3'-Dimethylbenzidine	A	50.0	0.00	0.7421251				100
3-Nitroaniline	A	50.0	55.2	0.3200162	0.353643		10.5	25
4,6-Dinitro-2-methylphenol	L	50.0	59.6	9.206021E-02	0.1216822		19.3	25
4-Bromophenyl phenyl ether	A	50.0	50.8	0.2114259	0.214776		1.6	25
4-Chloro-3-methylphenol	A	50.0	52.3	0.3342742	0.3496822		4.6	20

Form 7
CONTINUING CALIBRATION CHECK
8270C

Laboratory: TestAmerica Buffalo

SDG:

Client: New York State D.E.C. - Buffalo, NY

Project: NYSDEC-Commerce Square: Spill# E932141

Instrument ID: HP5973X

Calibration: R10E156

Lab File ID: X4945.D

Calibration Date: 05/28/10 12:46

Sequence: T002371

Injection Date: 06/01/10

Lab Sample ID: T002371-CCV1

Injection Time: 12:10

COMPOUND	TYPE	CONC. (ng/ul)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,2,4-Trichlorobenzene	A	50.0	53.0	0.2828948	0.3001586		6.1	25
1,2-Dichlorobenzene	A	50.0	50.5	1.4314	1.445187		1.0	25
1,2-Diphenylhydrazine	A	50.0	51.3	1.60146	1.643079		2.6	100
1,3-Dichlorobenzene	A	50.0	50.7	1.528263	1.54881		1.3	25
1,4-Dichlorobenzene	A	50.0	51.6	1.538209	1.588189		3.2	20
2,2'-Oxybis(1-Chloropropane)	A	50.0	59.4	2.075218	2.463918		18.7	25
2,4,5-Trichlorophenol	A	50.0	54.5	0.3343624	0.3641673		8.9	25
2,4,6-Tribromophenol	L	50.0	54.2	9.011904E-02	0.1052161		8.5	25
2,4,6-Trichlorophenol	A	50.0	56.8	0.1885805	0.209286		11.0	20
2,4-Dichlorophenol	A	50.0	52.4	0.2697017	0.2828792		4.9	20
2,4-Dimethylphenol	A	50.0	49.0	0.4086464	0.4006517		-2.0	25
2,4-Dinitrophenol	L	50.0	62.4	9.016931E-02	0.1311501	0.05	24.9	25
2,4-Dinitrotoluene	L	50.0	53.1	0.3425483	0.3941574		6.2	25
2,6-Dinitrotoluene	A	50.0	56.3	0.2544513	0.2867079		12.7	25
2-Chloronaphthalene	A	50.0	52.0	1.071712	1.11551		4.1	25
2-Chlorophenol	A	50.0	52.1	1.430649	1.491906		4.3	25
2-Fluorobiphenyl	A	50.0	51.4	1.193696	1.226987		2.8	25
2-Fluorophenol	A	50.0	49.9	1.594804	1.591422		-0.2	25
2-Methylnaphthalene	A	50.0	49.6	0.6569744	0.6518158		-0.8	25
2-Methylphenol	A	50.0	50.4	1.335019	1.346815		0.9	25
2-Nitroaniline	L	50.0	51.8	0.3944539	0.437125		3.6	25
2-Nitrophenol	A	50.0	57.3	0.1649163	0.1890105		14.6	20
3 & 4 Methylphenol	A	50.0	51.9	1.352712	1.404657		3.8	25
3,3'-Dichlorobenzidine	A	50.0	54.0	0.4193849	0.4531059		8.0	25
3,3'-Dimethylbenzidine	A	50.0	0.00	0.7421251				100
3-Nitroaniline	A	50.0	53.2	0.3200162	0.3401868		6.3	25
4,6-Dinitro-2-methylphenol	L	50.0	56.3	9.206021E-02	0.114157		12.6	25
4-Bromophenyl phenyl ether	A	50.0	51.2	0.2114259	0.2165879		2.4	25
4-Chloro-3-methylphenol	A	50.0	49.6	0.3342742	0.3318414		-0.7	20

PREPARATION BATCH SUMMARY

8270C

Laboratory: TestAmerica Buffalo

SDG:

Client: New York State D.E.C. - Buffalo, NY

Project: NYSDEC-Commerce Square: Spill# E932141

Batch: 10E1815

Batch Matrix: Water

Preparation: 3510C MB

SAMPLE NAME	LAB SAMPLE ID	INITIAL	FINAL	DATE PREPARED	TOT/DIS
Blank	10E1815-BLK1	1000 mL	1.00 mL	05/24/10 08:00	N/A
LCS	10E1815-BS1	1000 mL	1.00 mL	05/24/10 08:00	N/A
BR-1	10E1815-MS1	485 mL	1.00 mL	05/24/10 08:00	N/A
BR-1	10E1815-MSD1	485 mL	1.00 mL	05/24/10 08:00	N/A
BR-1	RTE1137-01	890 mL	1.00 mL	05/24/10 08:00	N/A
BR-2	RTE1137-02	1020 mL	1.00 mL	05/24/10 08:00	N/A
BR-3	RTE1137-03	1020 mL	1.00 mL	05/24/10 08:00	N/A
BR-4	RTE1137-04	740 mL	1.00 mL	05/24/10 08:00	N/A

Form 1
ORGANIC ANALYSIS DATA SHEET
8270C

Blank

Laboratory: TestAmerica Buffalo SDG:
 Client: New York State D.E.C. - Buffalo, NY Project: NYSDEC-Commerce Square: Spill# E932141
 Matrix: Water Laboratory ID: 10E1815-BLK1 File ID: X4867.D
 Sampled: Prepared: 05/24/10 08:00 Analyzed: 05/29/10 14:17
 Solids: Preparation: 3510C MB Initial/Final: 1000 mL / 1 mL
 Batch: 10E1815 Sequence: T002341 Calibration: R10E156 Instrument: HP5973X

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q		
85-68-7	Butyl benzyl phthalate	1	5.0	U		
105-60-2	Caprolactam	1	5.0	U		
86-74-8	Carbazole	1	5.0	U		
218-01-9	Chrysene	1	5.0	U		
53-70-3	Dibenzo(a,h)anthracene	1	5.0	U		
132-64-9	Dibenzofuran	1	10	U		
84-66-2	Diethyl phthalate	1	5.0	U		
131-11-3	Dimethyl phthalate	1	5.0	U		
84-74-2	Di-n-butyl phthalate	1	0.37	J		
117-84-0	Di-n-octyl phthalate	1	5.0	U		
206-44-0	Fluoranthene	1	5.0	U		
86-73-7	Fluorene	1	5.0	U		
118-74-1	Hexachlorobenzene	1	5.0	U		
87-68-3	Hexachlorobutadiene	1	5.0	U		
77-47-4	Hexachlorocyclopentadiene	1	5.0	U		
67-72-1	Hexachloroethane	1	5.0	U		
193-39-5	Indeno(1,2,3-cd)pyrene	1	5.0	U		
78-59-1	Isophorone	1	5.0	U		
91-20-3	Naphthalene	1	5.0	U		
98-95-3	Nitrobenzene	1	5.0	U		
621-64-7	N-Nitrosodi-n-propylamine	1	5.0	U		
86-30-6	N-Nitrosodiphenylamine	1	5.0	U		
87-86-5	Pentachlorophenol	1	10	U		
85-01-8	Phenanthrene	1	5.0	U		
108-95-2	Phenol	1	5.0	U		
129-00-0	Pyrene	1	5.0	U		
SYSTEM MONITORING COMPOUND		ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
2,4,6-Tribromophenol		150	93.5	62	52 - 132	
2-Fluorobiphenyl		100	50.5	50	48 - 120	
2-Fluorophenol		150	35.4	24	20 - 120	
Nitrobenzene-d5		100	48.2	48	46 - 120	
Phenol-d5		150	28.4	19	16 - 120	
p-Terphenyl-d14		100	61.4	61	24 - 136	
INTERNAL STANDARD		AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4		108261	6.28	189003	6.28	
Acenaphthene-d10		217705	9.84	394547	9.84	
Chrysene-d12		414128	13.82	758339	13.83	
Naphthalene-d8		410588	7.78	715024	7.78	
Perylene-d12		376266	15.11	701451	15.12	
Phenanthrene-d10		339232	599/1258 11.42	628003	11.42	

Appendix H

SITE: HARRISON GM - WALNUT ST., LOCKPORT, NY
CLIENT: OP-TECH
PROJECT: 4 MONITORING WELL LOCATIONS
PREPARED BY: MCINTOSH & MCINTOSH PC
DATE: May 27, 2010
HORIZONTAL DATUM: NAD83/96 NEW YORK STATE PLANE - WEST ZONE
VERTICAL DATUM: NAVD88
UNITS: US SURVEY FEET

PT.	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1154544.963	1120251.749	618.02 617.45	BR-1 8" COVER/GRADE BR-1 4" CASING
2	1154639.022	1120359.881	616.70 616.25	BR-2 8" COVER/GRADE BR-2 4" CASING
3	1154865.941	1120320.541	615.80 615.24	BR-3 8" COVER/GRADE BR-3 4" CASING
4	1154803.230	1120102.800	617.11 616.47	BR-4 8" COVER/GRADE BR-4 4" CASING

Appendix I



Looking north at southwest corner of Building #4



Looking north – Building #4 on left; Building #2 on right



Looking at southern plant gate and South Street homes



Southwestern property – well BR-2 in left-middle of photo



Looking east along South Street from southern gate



Looking east – Building #2 left; Building #3 right



Looking east in Building #4



Looking south from within center of Building #4



Looking north from within center of Building #4



Southwestern end of Building #4



Soil cores – Building #4 locations B4-3 and B4-4



Northeastern corner of Building #4



Eastern end within Building #3



Looking west down center - inside Building #3



Soil borings under Building #3: bottom B3-17; middle B3-18; top B3-19



Southeastern end of Building #2



North side of Building #2 - center section – looking west



Northeastern end of Building #2



Geoprobe within south central Building #2, location B2-14



Southeastern end within Building #2



Eastern end of Building #2



Soil boring from southeastern portion of Building #2



Concrete floor coring from south central portion of Building #2